

2021 GREEN INFRASTRUCTURE IMPROVEMENT PROJECT

Project Partners:



Town of Arlington
Department of Public Works
51 Grove Street
Arlington, MA 02476



Town of Lexington
Department of Public Works
201 Bedford Street
Lexington, MA 02420

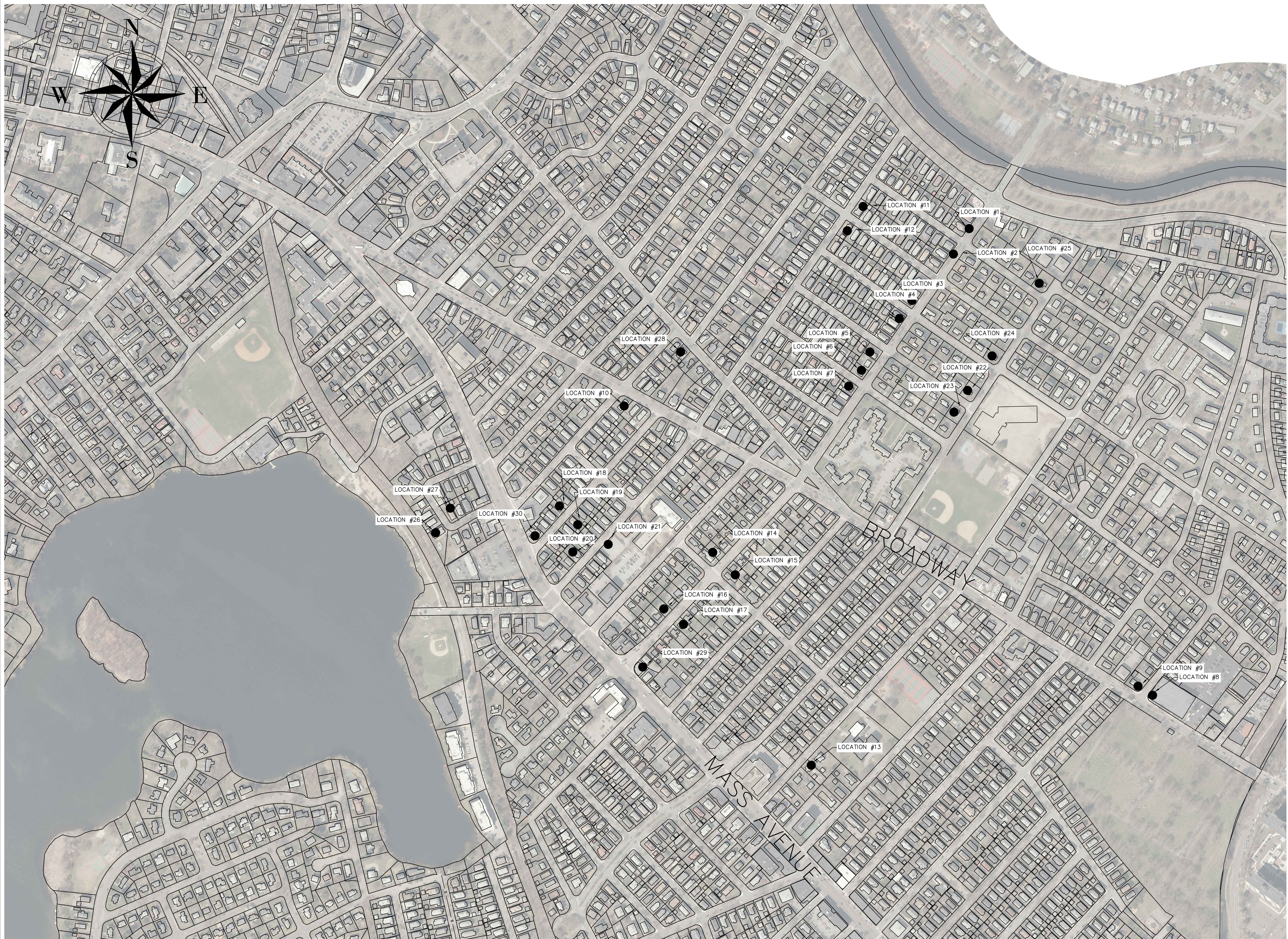


Massachusetts Office of Coastal Zone
Management
251 Causeway Street, Ste 800
Boston, MA 02114



Mystic River Watershed Association
20 Academy St., Ste. 306
Arlington, MA 02476

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LOCUS: NOT TO SCALE

NOTES	
#	Location
1	76 River St
2	80 River St
3	54 River St
4	48 River St
5	36 River St
6	30 River St
7	26 River St
8	37 Broadway
9	43 Broadway
10	222 Broadway
11	39 Exeter St
12	40 Exeter St
13	23 Oxford St
14	6 Raleigh St
15	10 Raleigh St
16	26 Bates Rd
17	29 Bates Rd
18	16 Adams St
19	17 Adams St
20	14 Foster St
21	24 Foster St
22	22 University Rd
23	23 University Rd
24	22 Regis Rd
25	22 Yale Rd
26	37 Wyman Terr
27	50 Wyman Terr
28	68 Warren St
29	281 Mass Ave
30	327 Mass Ave

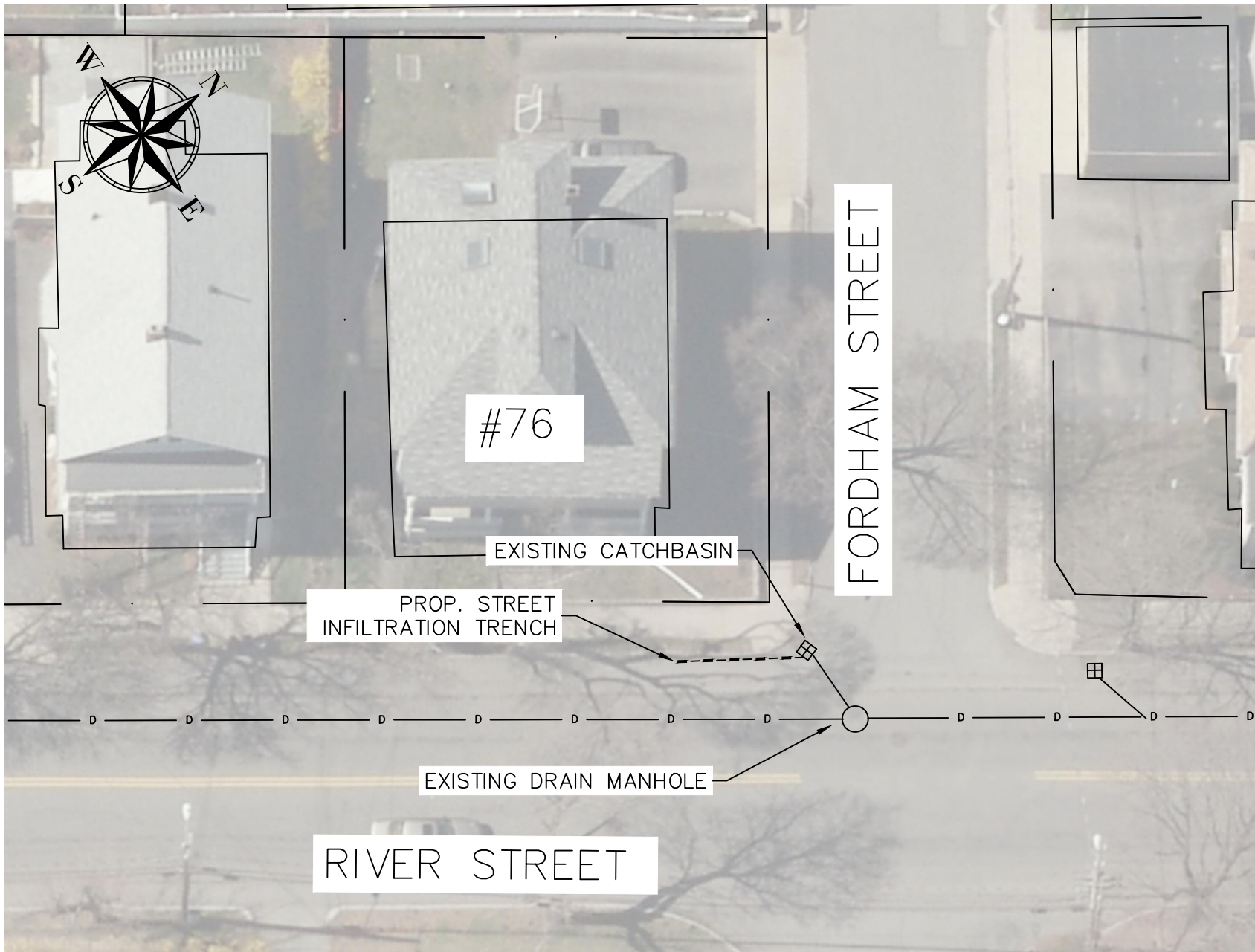
No.	Revision/Issue	Date

Town of
ARLINGTON
Engineering Division
51 Grove Street
Arlington, MA 02476

**2021 GREEN
INFRASTRUCTURE
IMPROVEMENTS PROJECT**

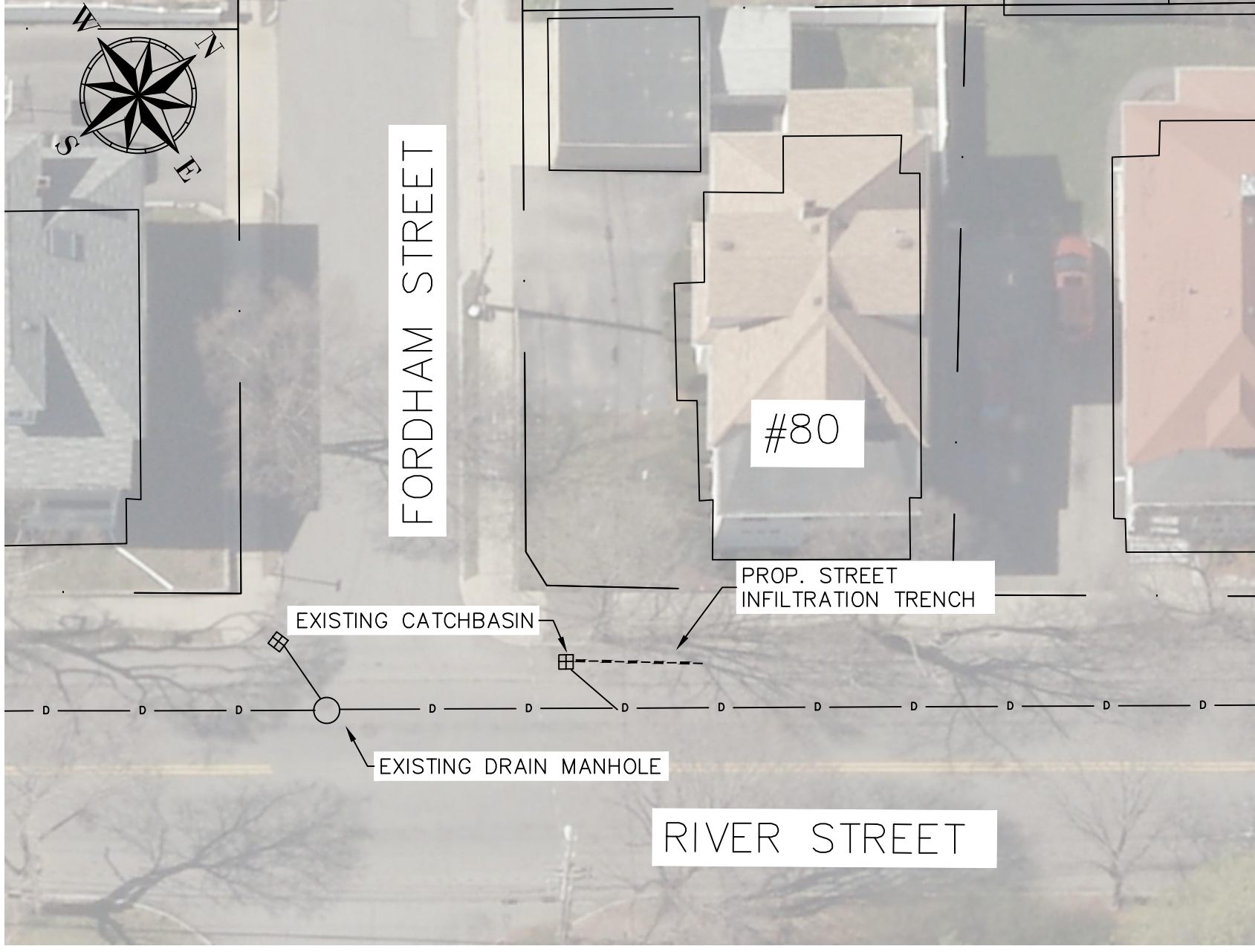
LOCUS - ARLINGTON

Drawn By: AC	Sheet: 2
Verified By: WCC	
Scale: NTS	
Date: FEBRUARY 2021	



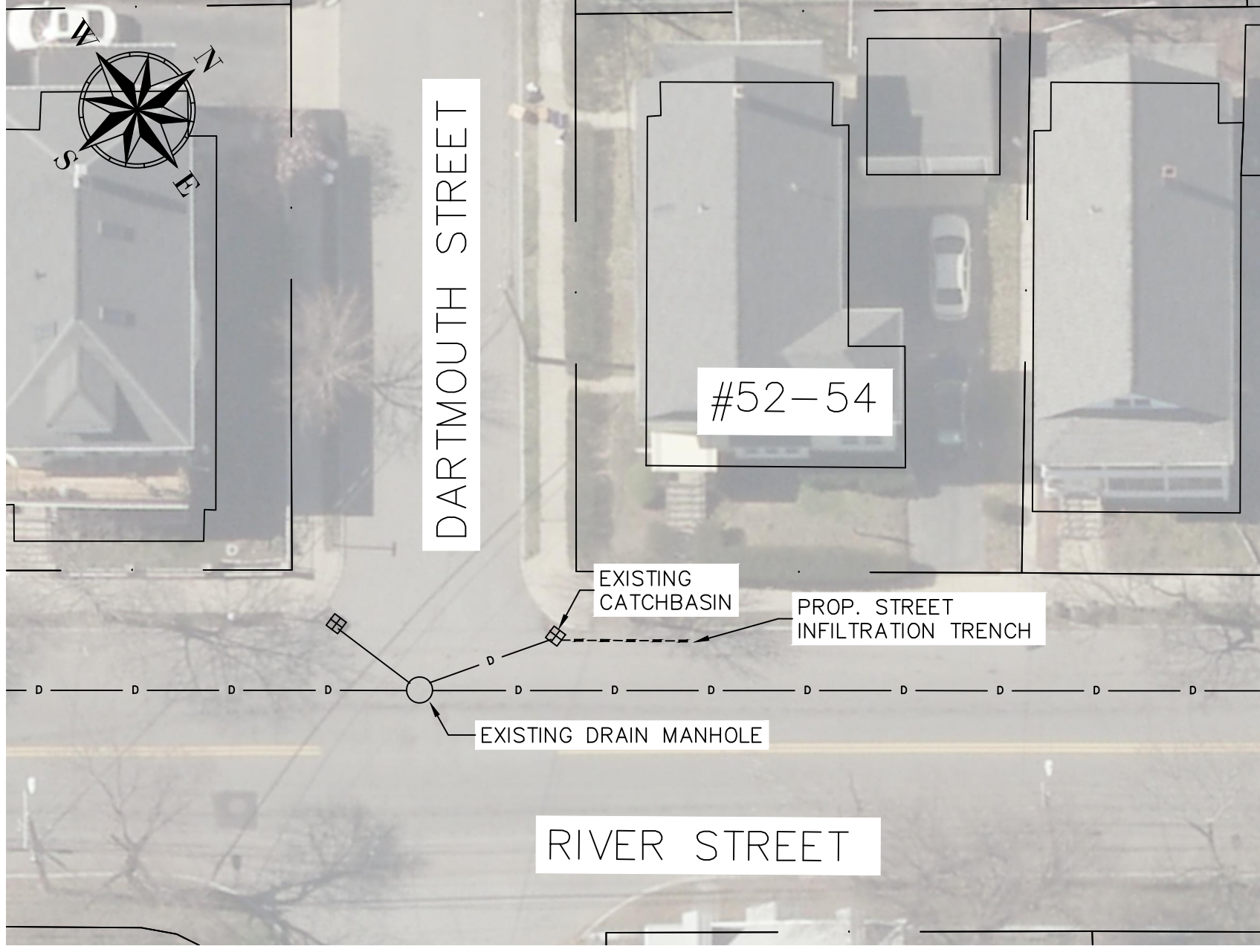
LOCATION #1 - 76 RIVER STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	76 RIVER STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	18.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.25	
DEPTH TRENCH PIPE INV. (FT)	2.50	
DEPTH TRENCH BOTTOM (FT)	5.00	



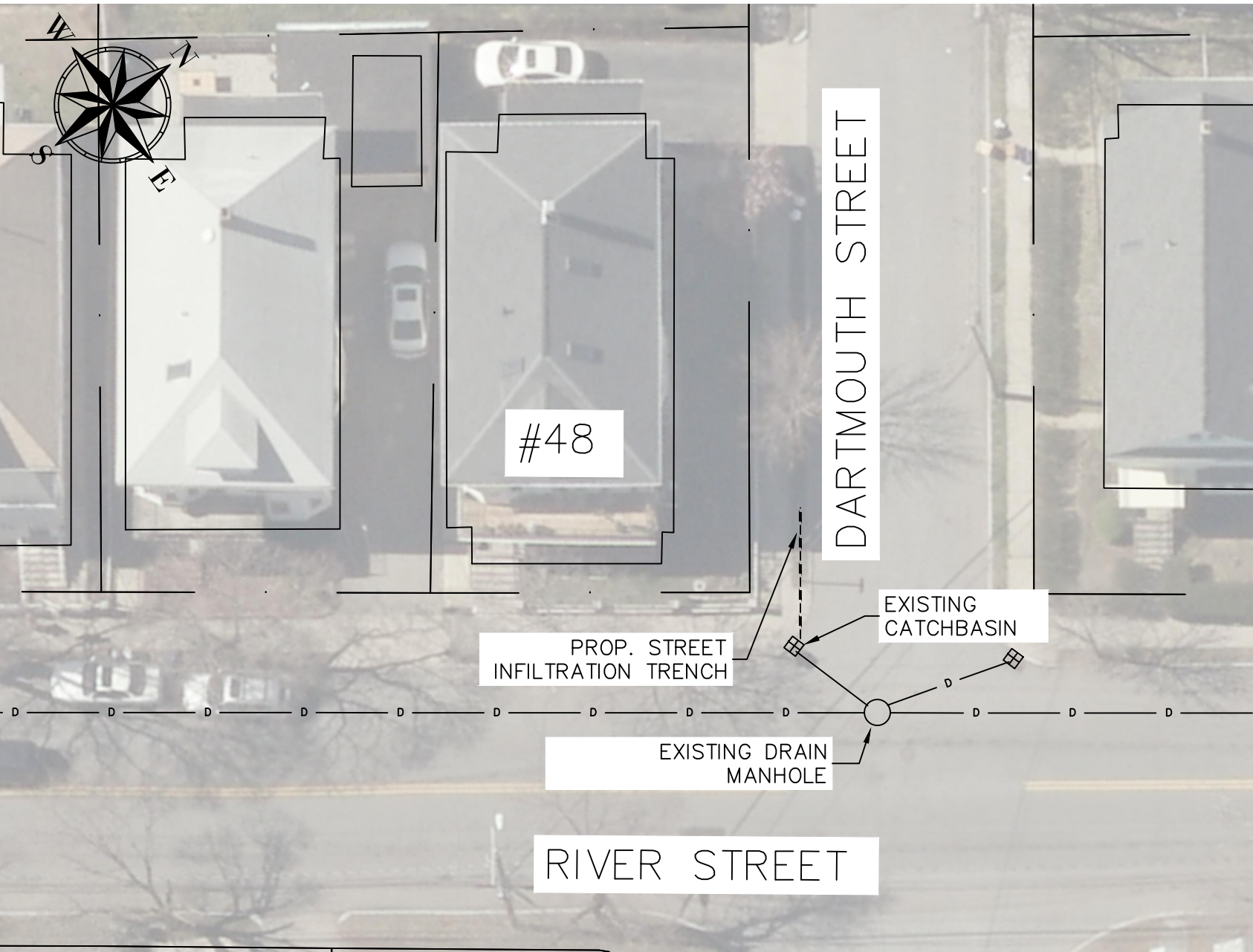
LOCATION #2 - 80 RIVER STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	80 RIVER STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	18.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.17	
DEPTH TRENCH PIPE INV. (FT)	2.42	
DEPTH TRENCH BOTTOM (FT)	5.00	



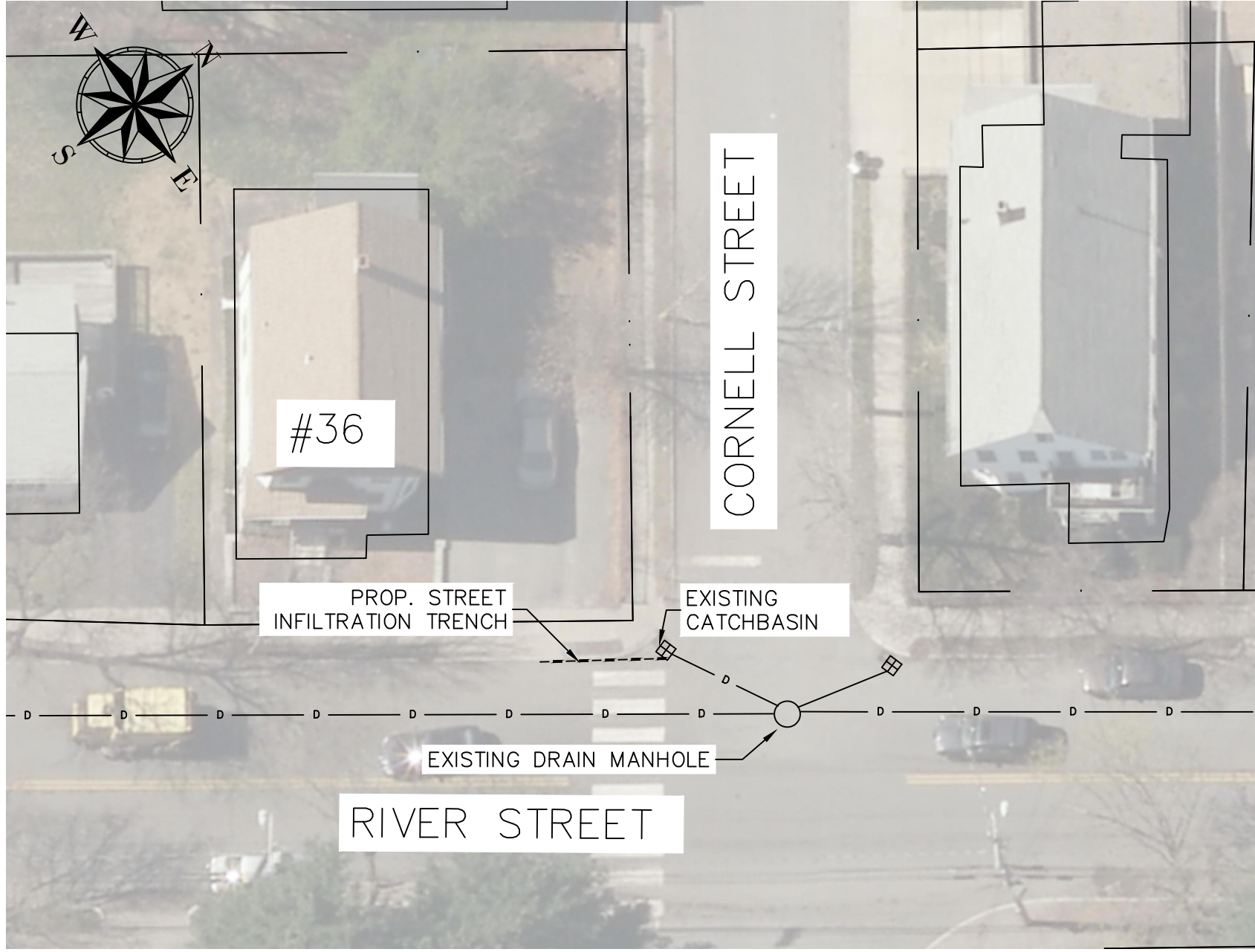
LOCATION #3 - 52/54 RIVER STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	52/54 RIVER STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	18.00	
WIDTH (FT)	3.50	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.50	
DEPTH TRENCH PIPE INV. (FT)	2.75	
DEPTH TRENCH BOTTOM (FT)	5.00	



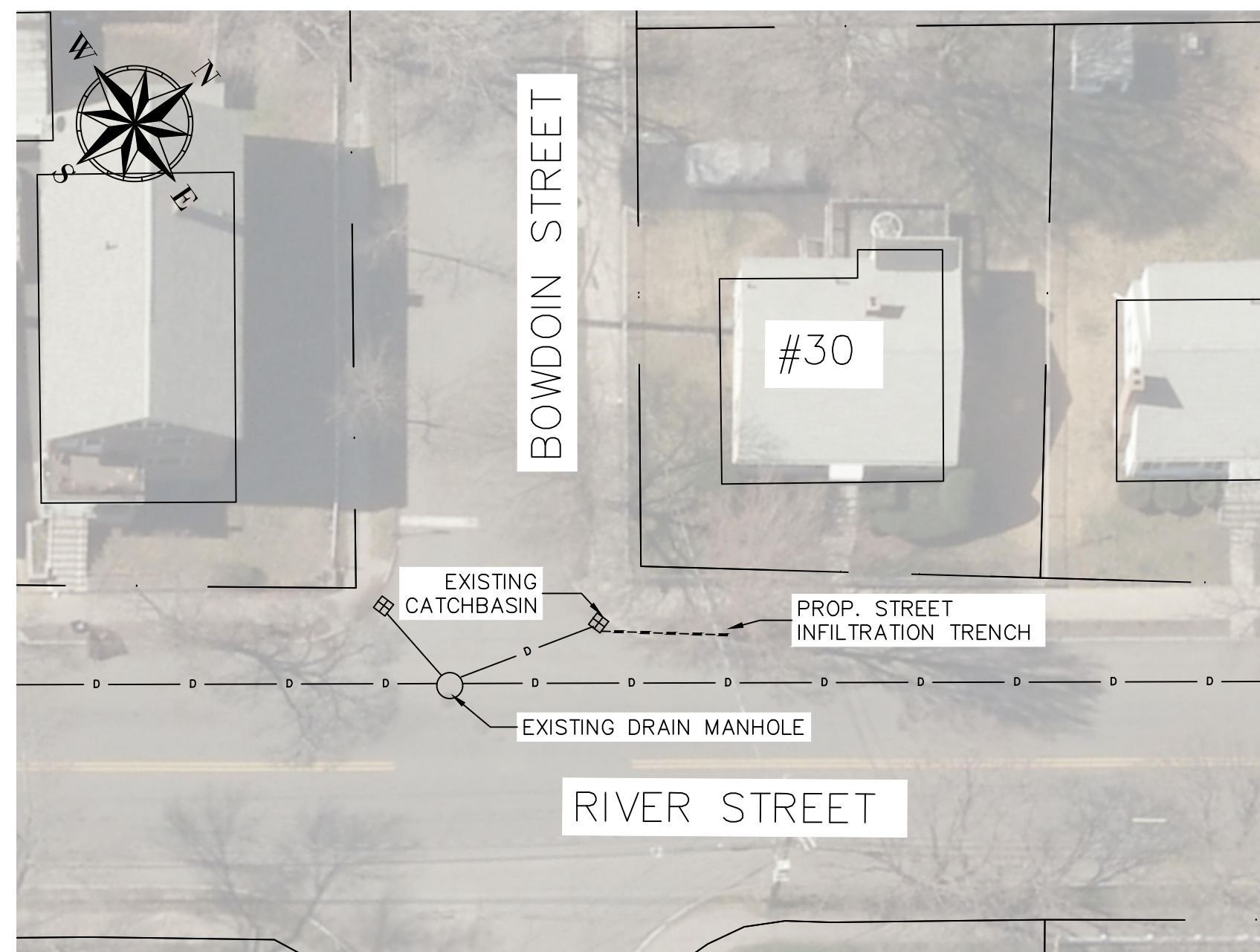
LOCATION #4 - 48 RIVER STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	48 RIVER STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	18.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.17	
DEPTH TRENCH PIPE INV. (FT)	2.42	
DEPTH TRENCH BOTTOM (FT)	5.00	



LOCATION #5 - 36 RIVER STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	36 RIVER STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	16.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.00	
DEPTH TRENCH PIPE INV. (FT)	2.25	
DEPTH TRENCH BOTTOM (FT)	5.00	



LOCATION #6 - 30 RIVER STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	30 RIVER STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	17.00	
WIDTH (FT)	3.50	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.58	
DEPTH TRENCH PIPE INV. (FT)	2.83	
DEPTH TRENCH BOTTOM (FT)	5.00	

NOTES

- PLANS WERE DEVELOPED USING AVAILABLE AERIAL IMAGERY, EXISTING PLANS, AND ON-SITE OBSERVATIONS. A FORMAL SURVEY OF THE PROJECT AREAS WAS NOT CONDUCTED. UTILITY LOCATIONS AND INVERT MEASUREMENTS ARE APPROXIMATE.
- CONTRACTOR IS RESPONSIBLE FOR NOTIFYING DIG-SAFE AND ALL APPLICABLE UTILITIES OF THE PROPOSED WORK PRIOR TO ANY EXCAVATION. THE TOWN OF ARLINGTON IS NOT A MEMBER OF DIG-SAFE AND MUST BE NOTIFIED DIRECTLY AT LEAST 72 HOURS PRIOR TO EXCAVATION BY CALLING 781-316-3310.
- TRENCHES HAVE BEEN PROPOSED IN LOCATIONS WHERE NO UTILITY CONFLICTS WERE APPARENT. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL APPLICABLE UTILITIES FOR APPROPRIATE MARK-OUTS AND CONFIRMING NO CONFLICTS ARE PRESENT. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ENGINEER SHOULD ANY EXISTING UTILITY CONFLICTS BE IDENTIFIED WITHIN PROPOSED TRENCH LIMITS.
- CONTRACTOR IS RESPONSIBLE FOR NOTIFYING RESIDENTS AND ABUTTERS OF ANY WORK THAT MAY INTERFERE WITH DRIVEWAY AND WALKWAY ACCESS.
- A RELATIVE LOCAL DATUM HAS BEEN SET FOR EACH TRENCH LOCATION. THE CATCHBASIN RIM ELEVATION HAS BEEN SET TO ZERO FEET (0.0') AT EACH LOCATION.
- EXISTING ASPHALT SHOULD BE SAWCUT PRIOR TO EXCAVATION.
- TRENCHES SHOULD BE BACKFILLED AND COMPACTED IN 12 INCH LIFTS.
- CONTRACTOR IS RESPONSIBLE FOR APPROPRIATE CONSTRUCTION SIGNAGE AND BARRIERS AS NEEDED AND SHALL BE INCIDENTAL TO THE CONTRACT.
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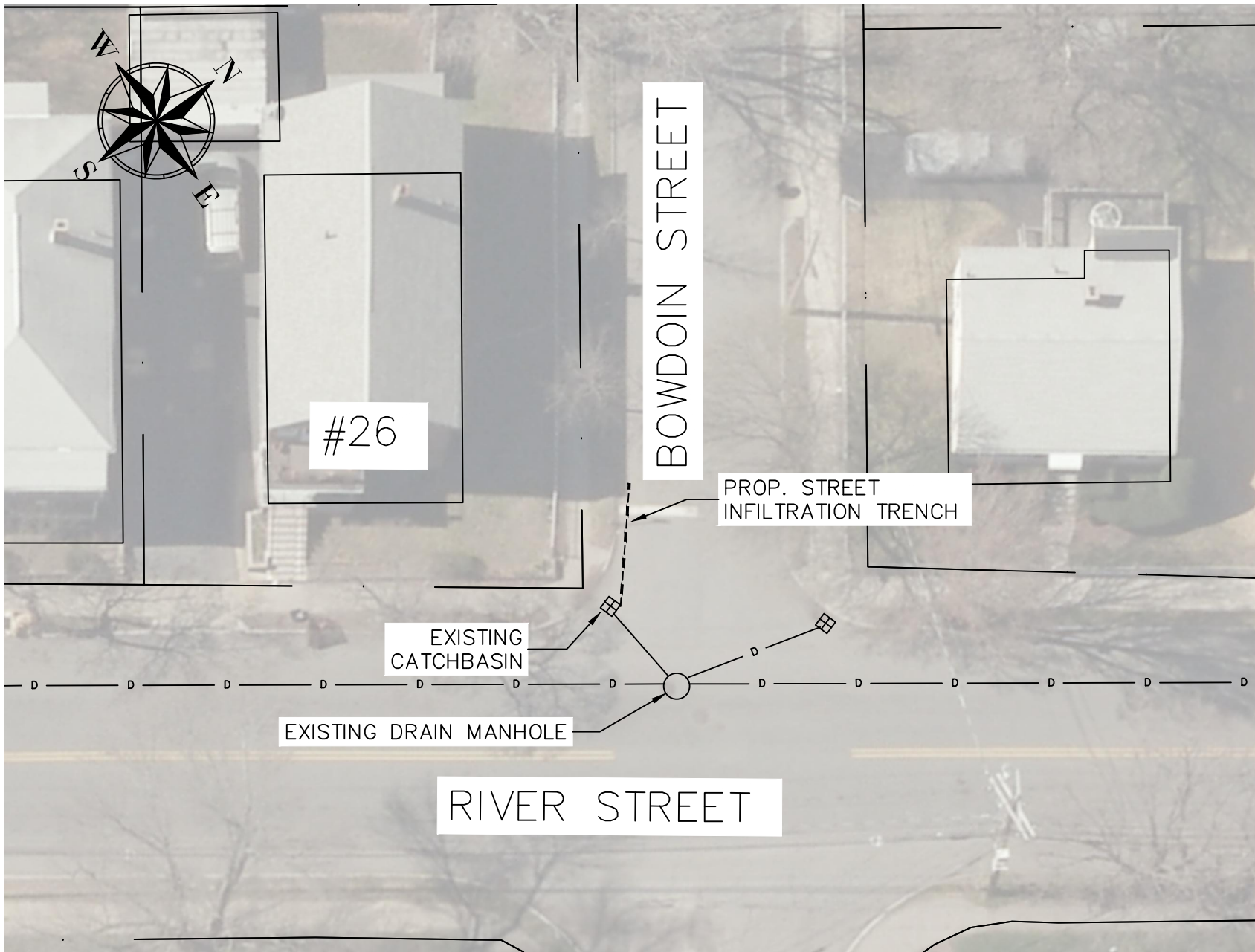
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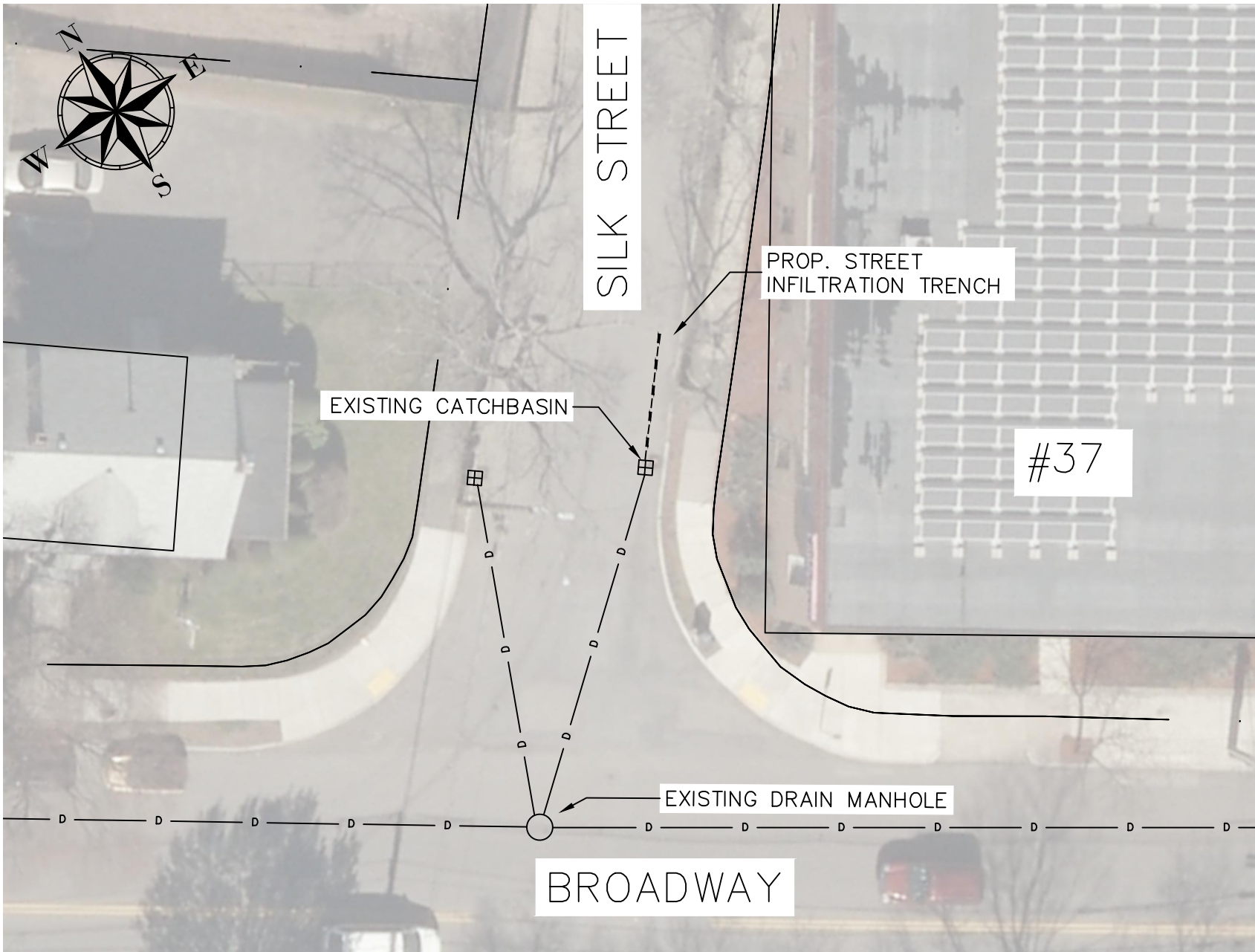
ARLINGTON
TRENCHES #1 - #6

Drawn By:	AC	Sheet: 3
Verified By:	WCC	
Scale:	NTS	
Date:	FEBRUARY 2021	



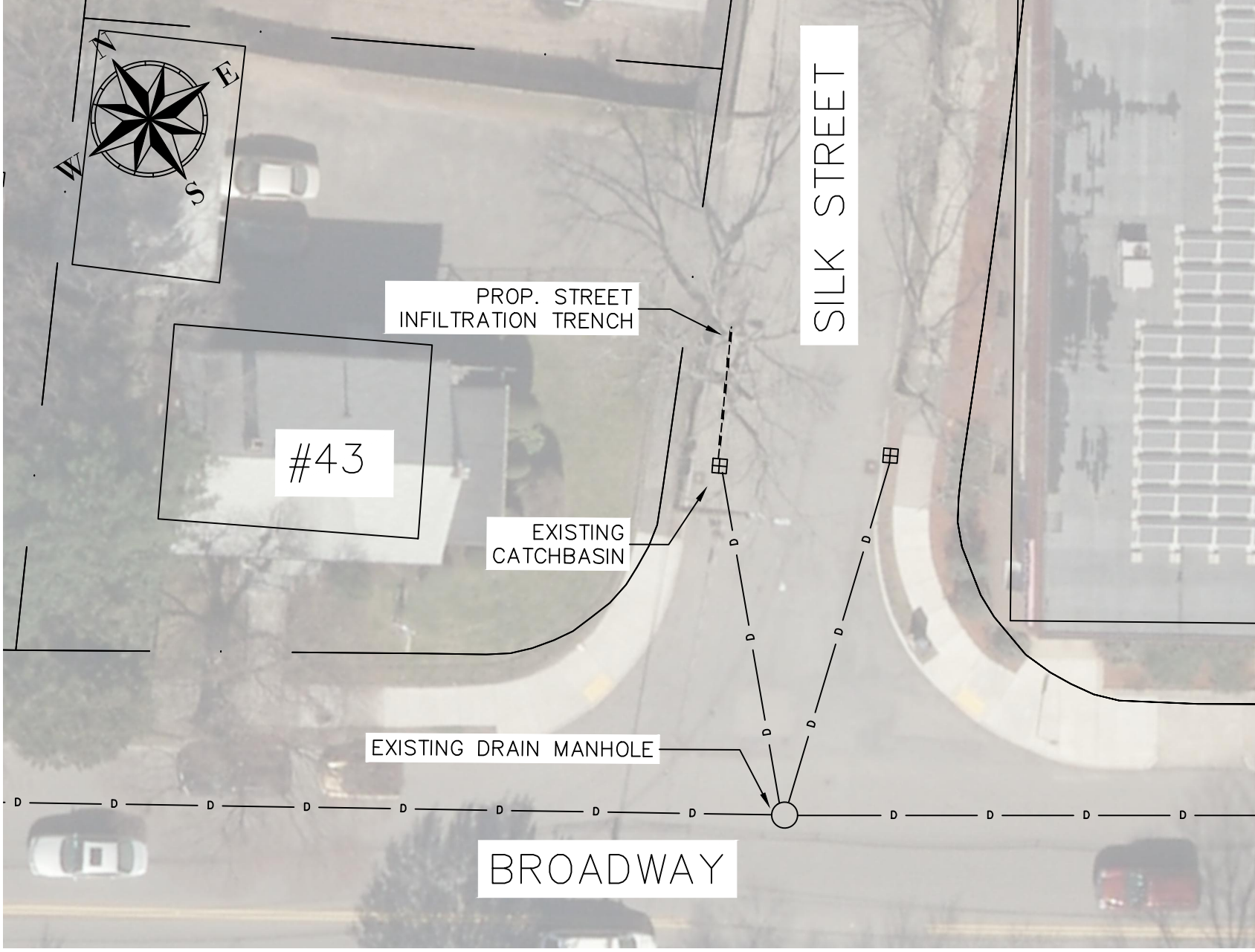
LOCATION #7 - 26 RIVER STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	26 RIVER STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	18.00	
WIDTH (FT)	3.50	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	2.83	
DEPTH TRENCH PIPE INV. (FT)	3.08	
DEPTH TRENCH BOTTOM (FT)	5.50	



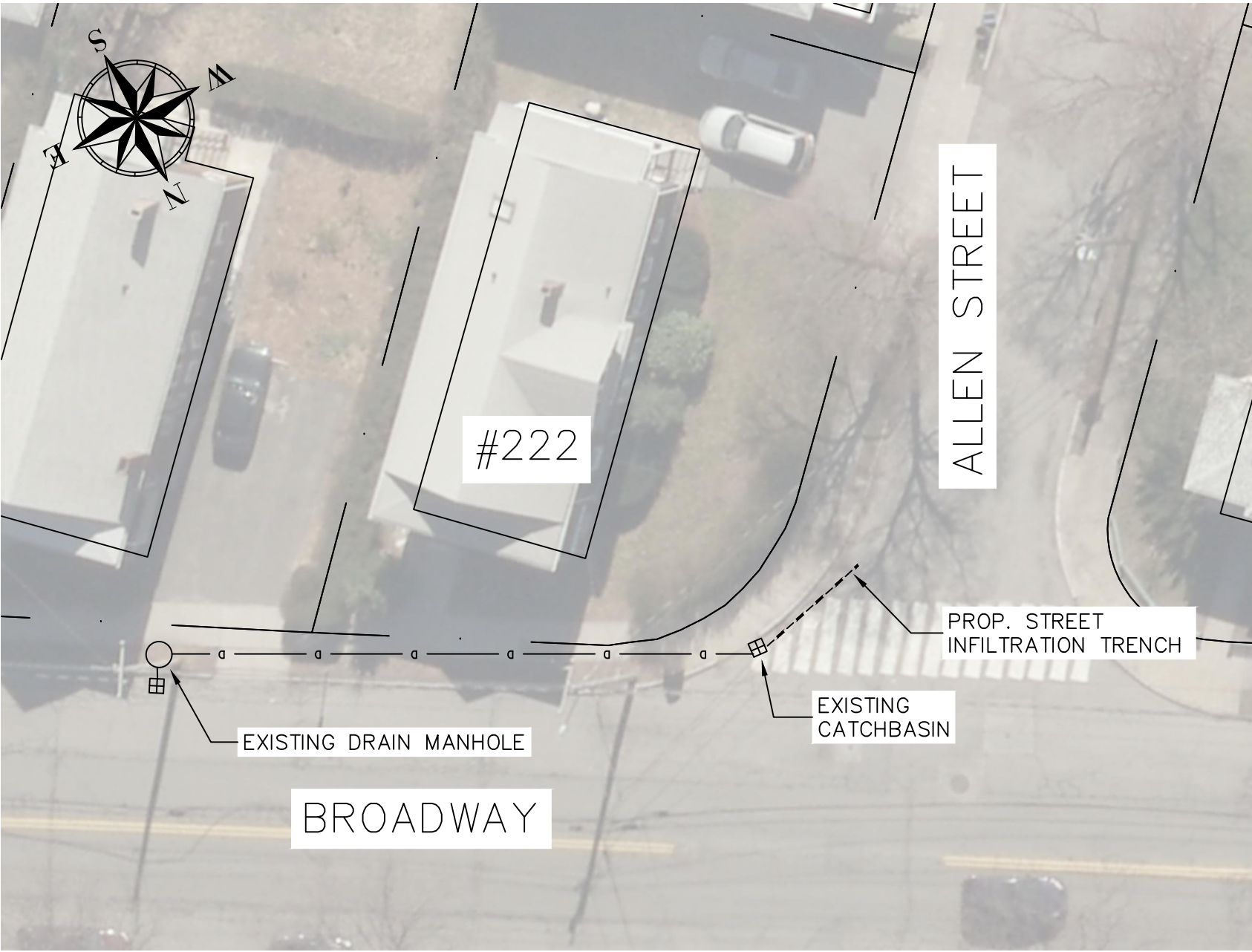
LOCATION #8 - 37 BROADWAY
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	37 BROADWAY	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	18.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	3.00	
DEPTH TRENCH PIPE INV. (FT)	3.25	
DEPTH TRENCH BOTTOM (FT)	5.50	



LOCATION #9 - 43 BROADWAY
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	43 BROADWAY	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	18.00	
WIDTH (FT)	3.50	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	3.00	
DEPTH TRENCH PIPE INV. (FT)	3.25	
DEPTH TRENCH BOTTOM (FT)	5.50	



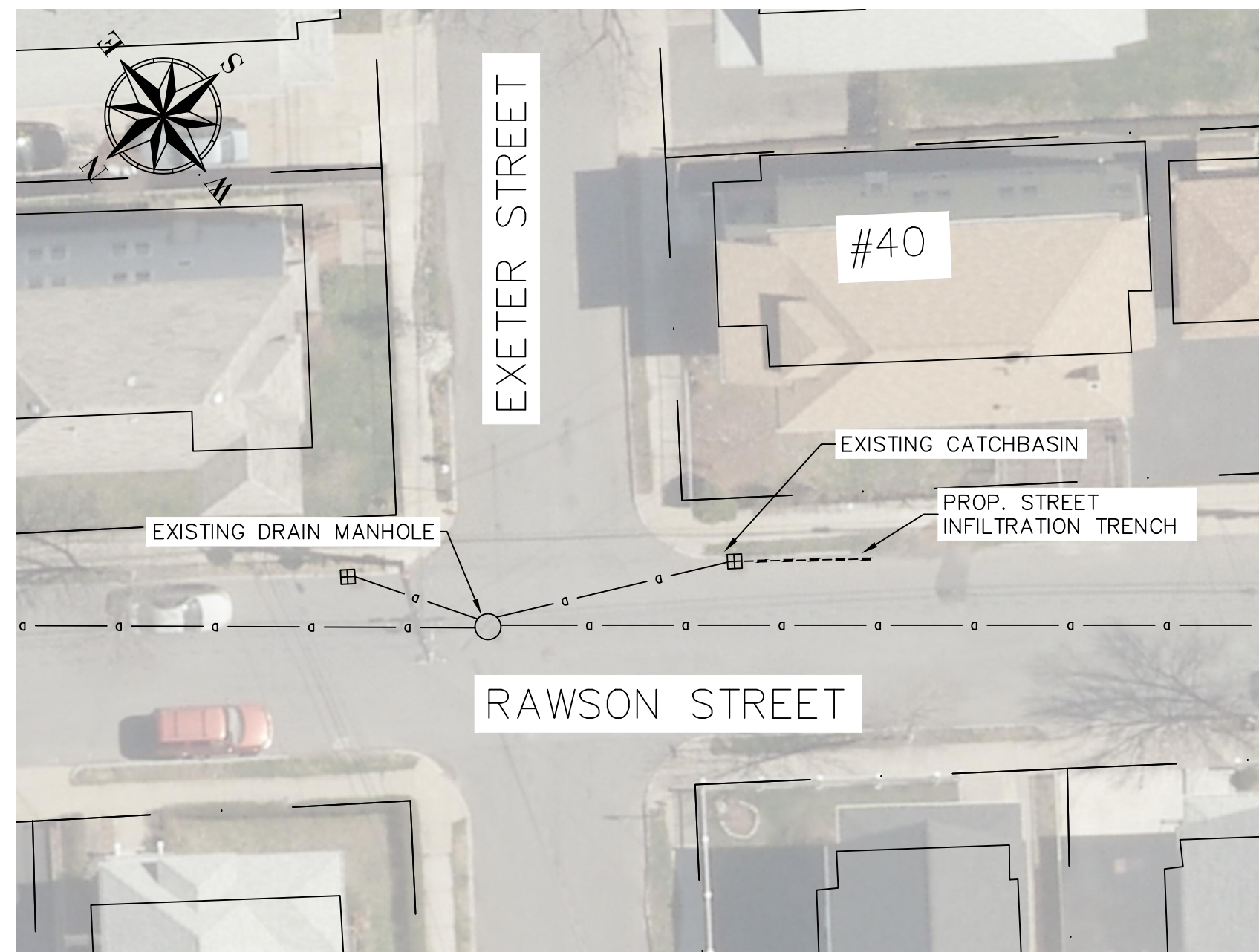
LOCATION #10 - 222 BROADWAY
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	222 BROADWAY	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	1.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.00	
DEPTH TRENCH PIPE INV. (FT)	2.25	
DEPTH TRENCH BOTTOM (FT)	5.00	



LOCATION #11 - 39 EXETER STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	39 EXETER STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	18.00	
WIDTH (FT)	3.50	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	3.00	
DEPTH TRENCH PIPE INV. (FT)	3.25	
DEPTH TRENCH BOTTOM (FT)	5.50	



LOCATION #12 - 40 EXETER STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	40 EXETER STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	17.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	3.00	
DEPTH TRENCH PIPE INV. (FT)	3.25	
DEPTH TRENCH BOTTOM (FT)	5.50	

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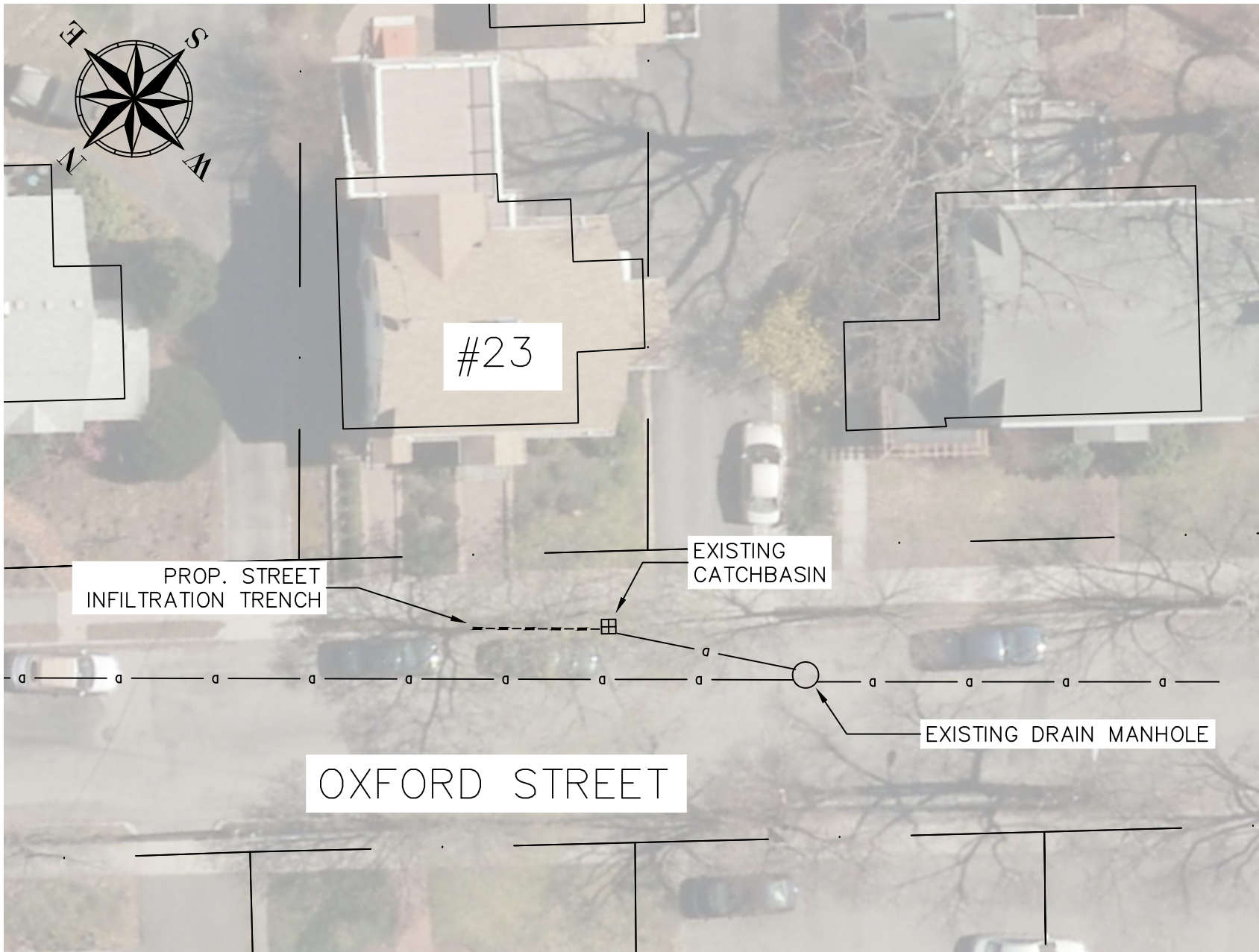
No.	Revision/Issue	Date

Town of
ARLINGTON
Engineering Division
51 Grove Street
Arlington, MA 02476

2021 GREEN
INFRASTRUCTURE
IMPROVEMENTS PROJECT

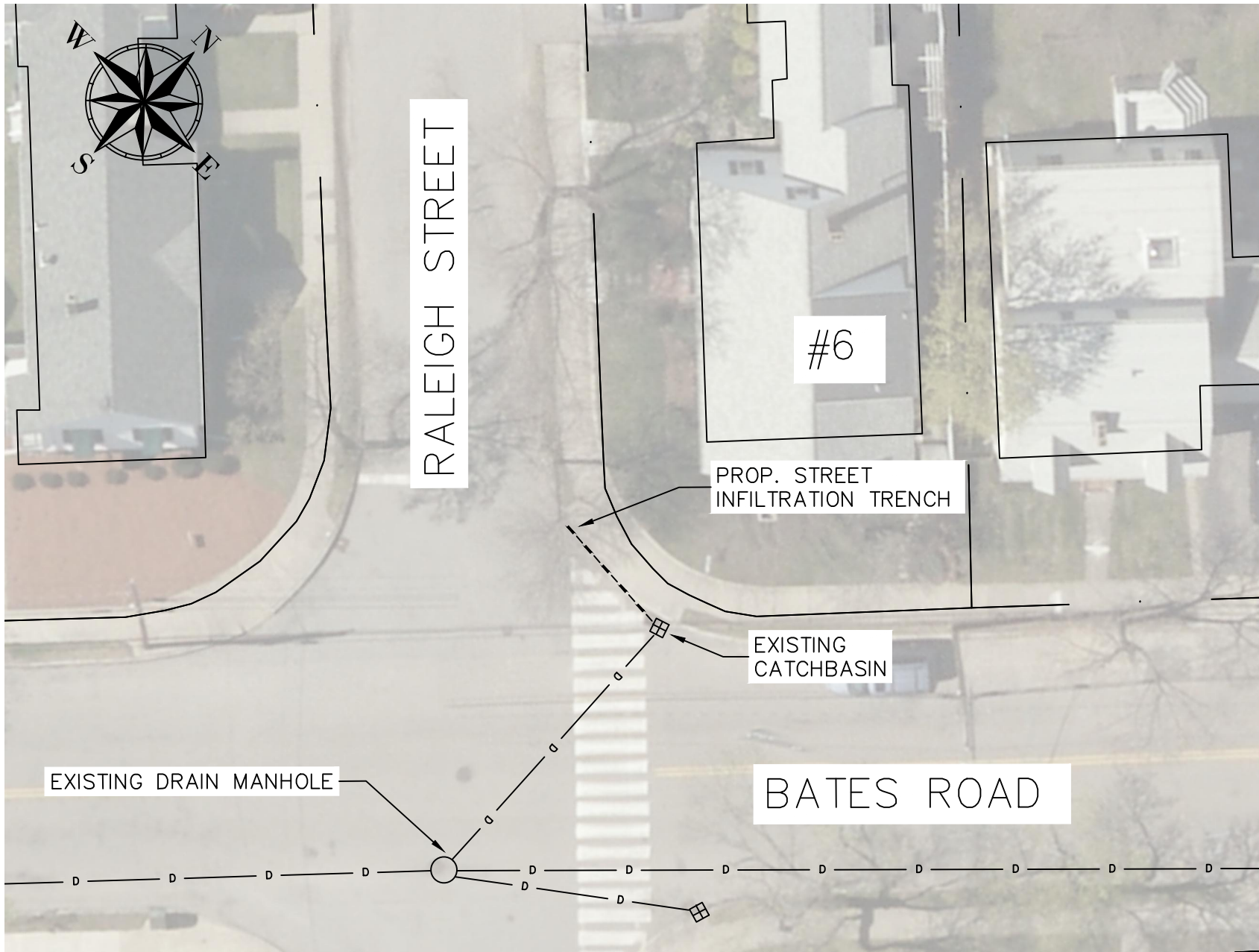
ARLINGTON
TRENCHES #7 - #12

Drawn By:	AC	Sheet: 4
Verified By:	WCC	
Scale:	NTS	
Date:	FEBRUARY 2021	



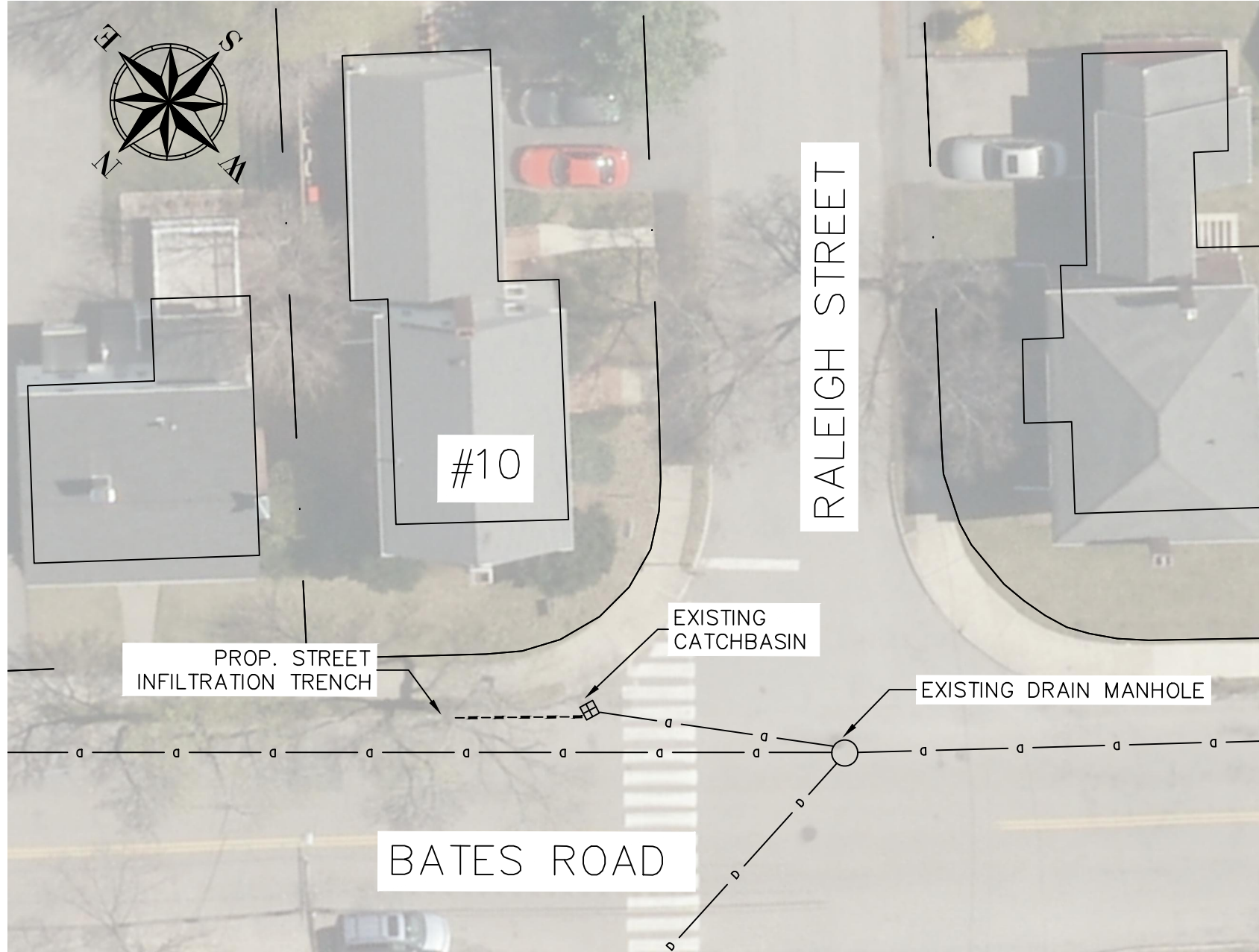
LOCATION #13 -23 OXFORD STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	23 OXFORD STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	16.00	
WIDTH (FT)	3.50	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	2.33	
DEPTH TRENCH PIPE INV. (FT)	2.58	
DEPTH TRENCH BOTTOM (FT)	5.00	



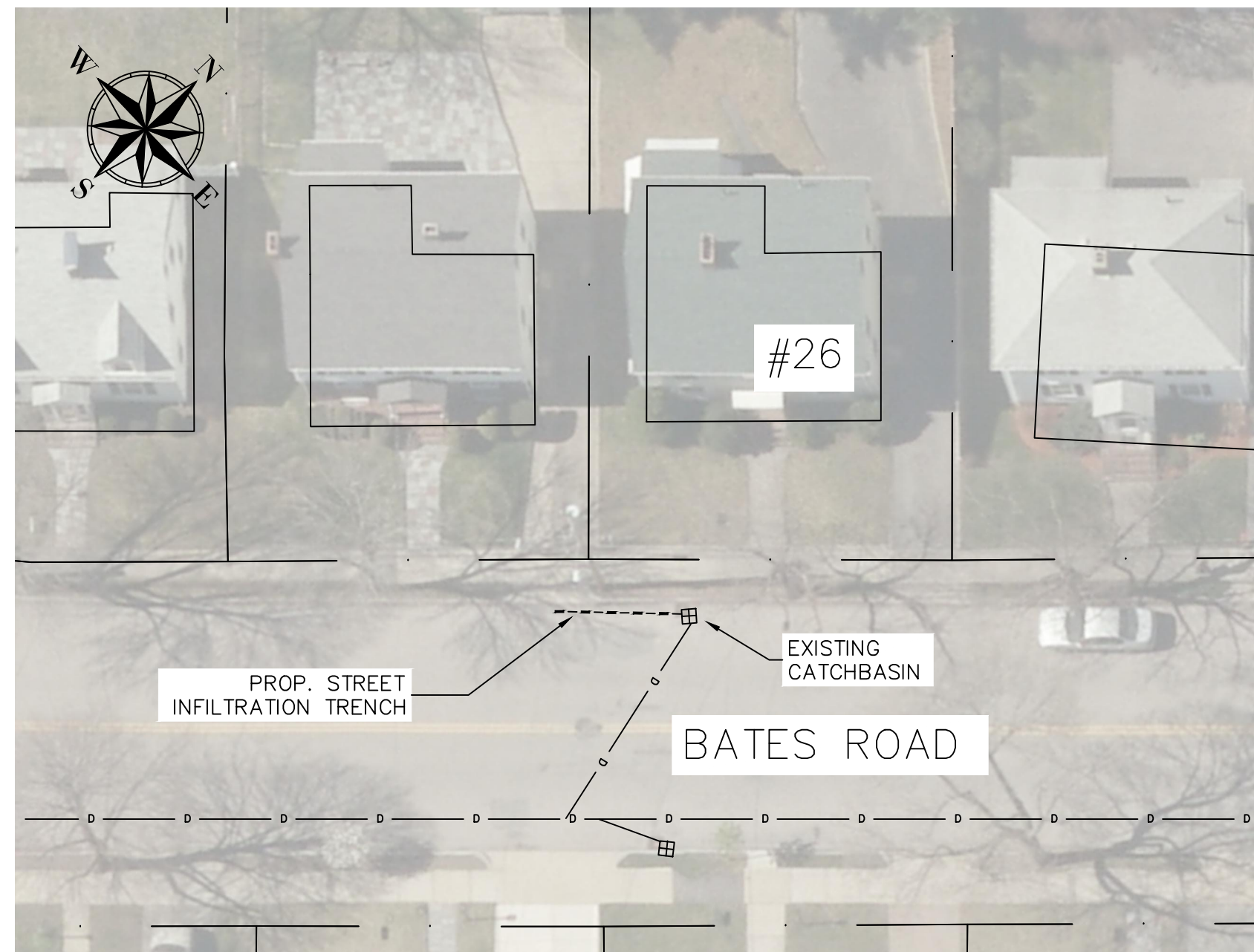
LOCATION#14 -6 RALEIGH STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	6 RALEIGH STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	15.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.08	
DEPTH TRENCH PIPE INV. (FT)	2.33	
DEPTH TRENCH BOTTOM (FT)	5.00	



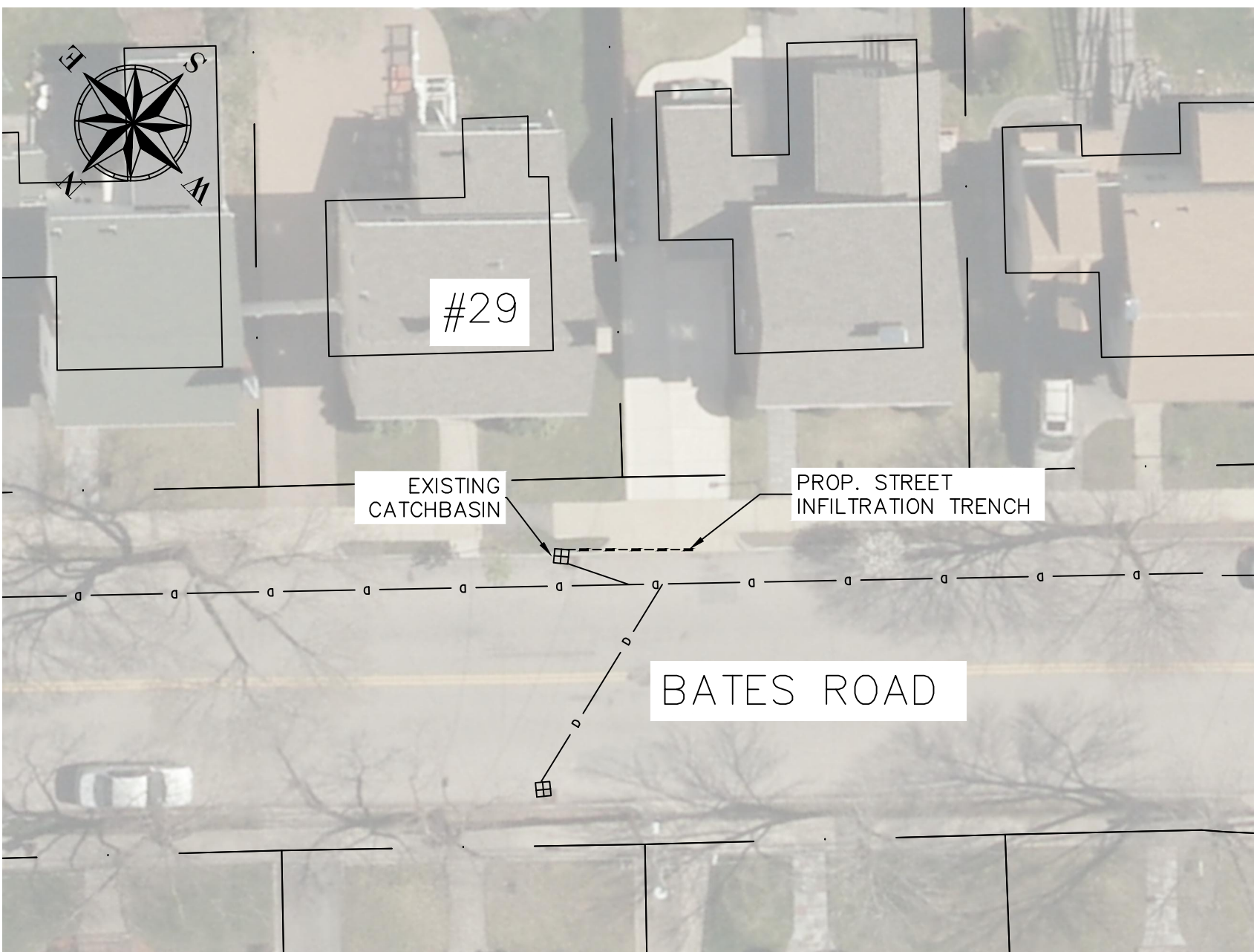
LOCATION #15 -10 RALEIGH STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	10 RALEIGH STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	17.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	3.00	
DEPTH TRENCH PIPE INV. (FT)	3.25	
DEPTH TRENCH BOTTOM (FT)	5.50	



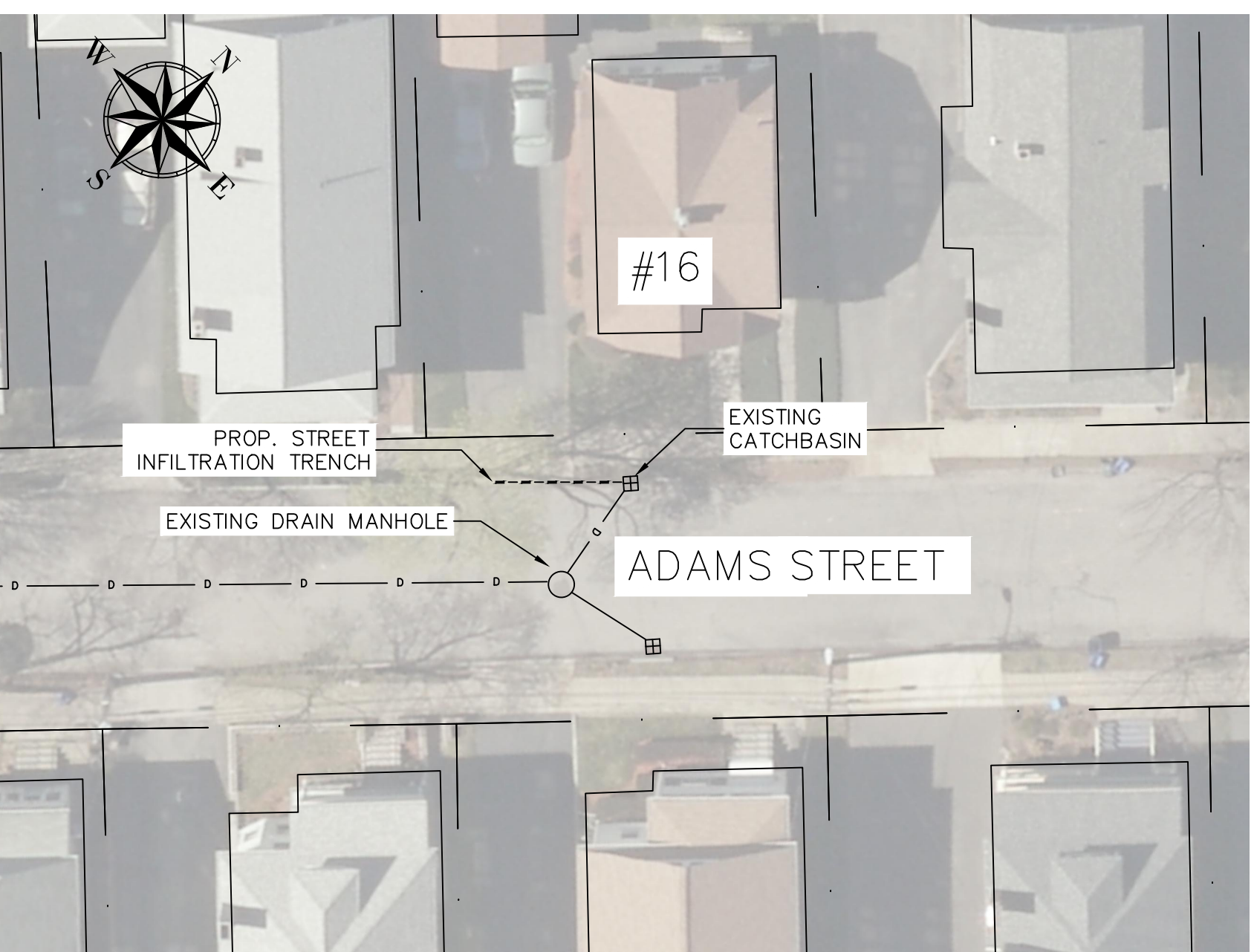
LOCATION #16 -26 BATES ROAD
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	26 BATES ROAD	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	17.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.50	
DEPTH TRENCH PIPE INV. (FT)	2.75	
DEPTH TRENCH BOTTOM (FT)	5.00	



LOCATION #17 -29 BATES ROAD
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	29 BATES ROAD	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	15.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.08	
DEPTH TRENCH PIPE INV. (FT)	2.33	
DEPTH TRENCH BOTTOM (FT)	5.00	



LOCATION #18 - 16 ADAMS STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	16 ADAMS STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	16.00	
WIDTH (FT)	3.50	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.33	
DEPTH TRENCH PIPE INV. (FT)	2.58	
DEPTH TRENCH BOTTOM (FT)	5.00	

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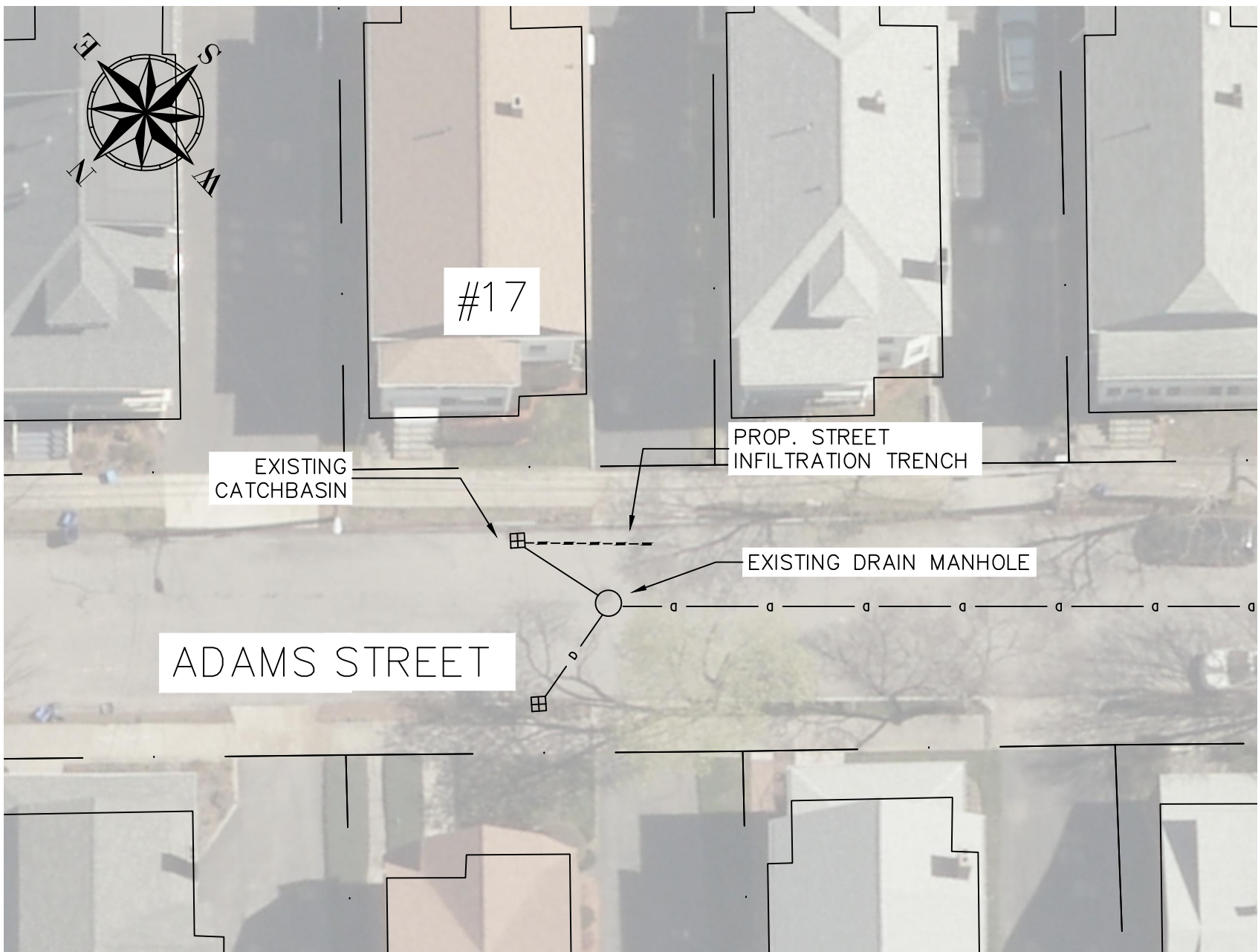
No.	Revision/Issue	Date

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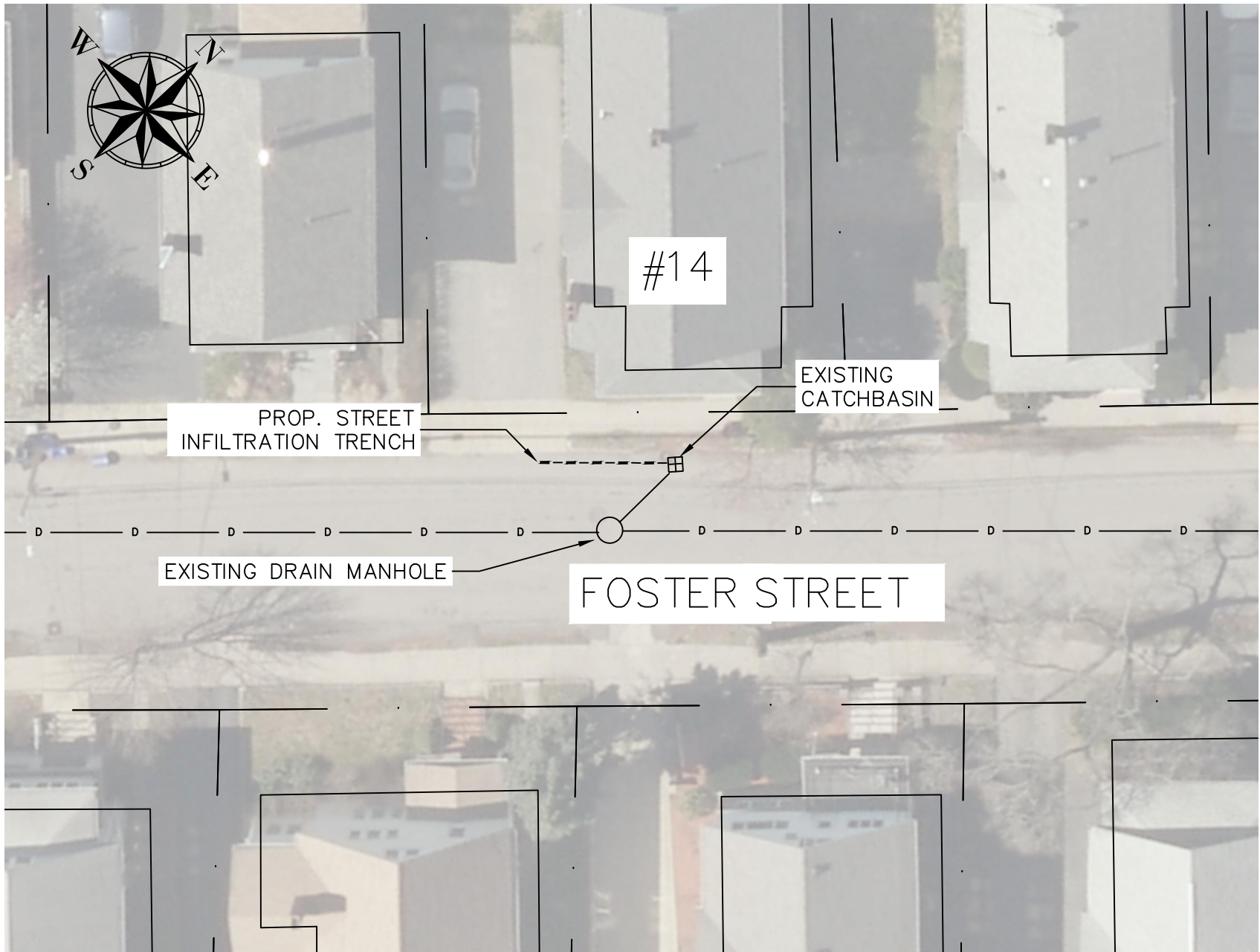
**ARLINGTON
TRENCHES #13 - #18**

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Verified By:	WCC	
Scale:	NTS	
Date:	FEBRUARY 2021	



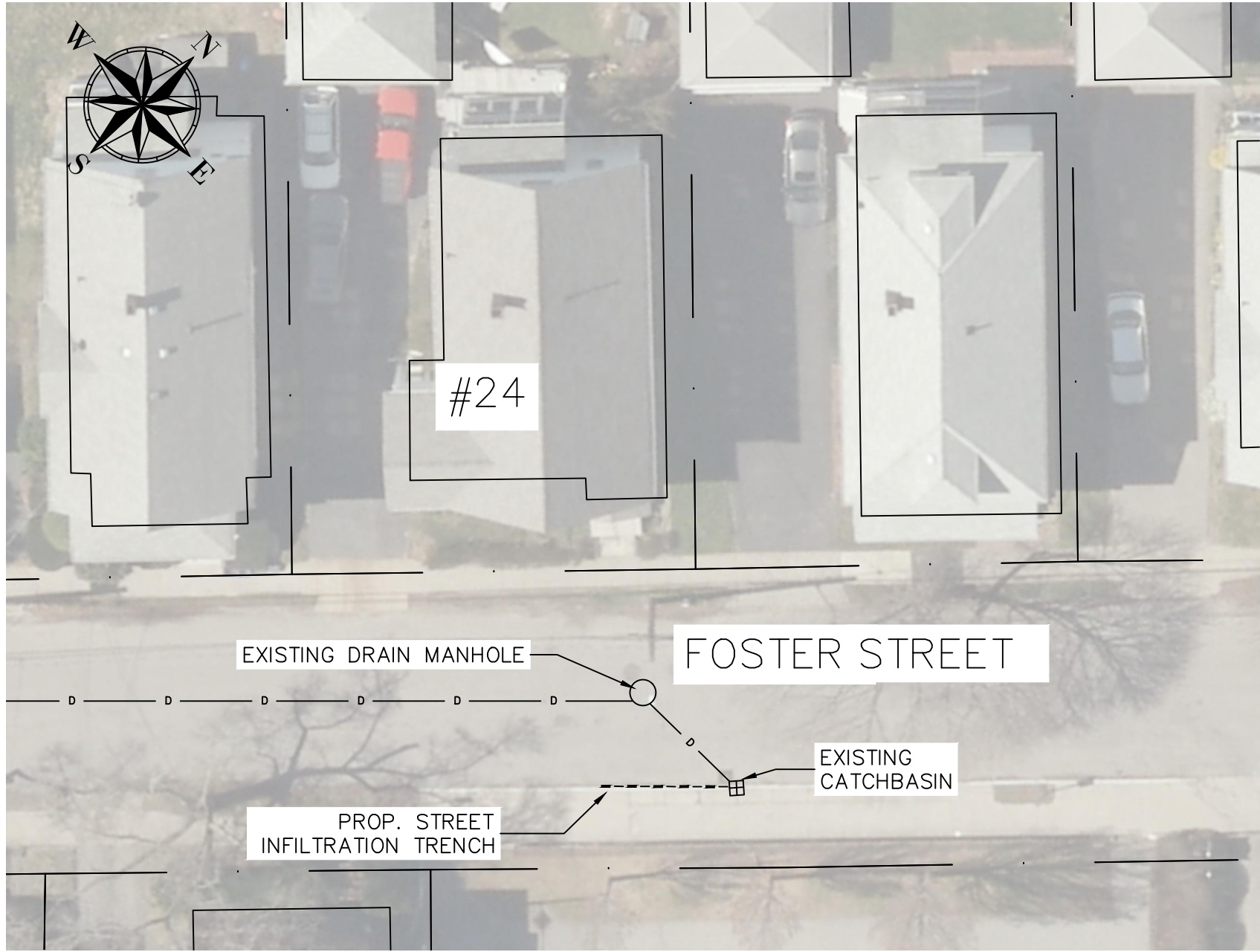
LOCATION #19 -17 ADAMS STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	17 ADAMS STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	17.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	3.25	
DEPTH TRENCH PIPE INV. (FT)	3.50	
DEPTH TRENCH BOTTOM (FT)	5.50	



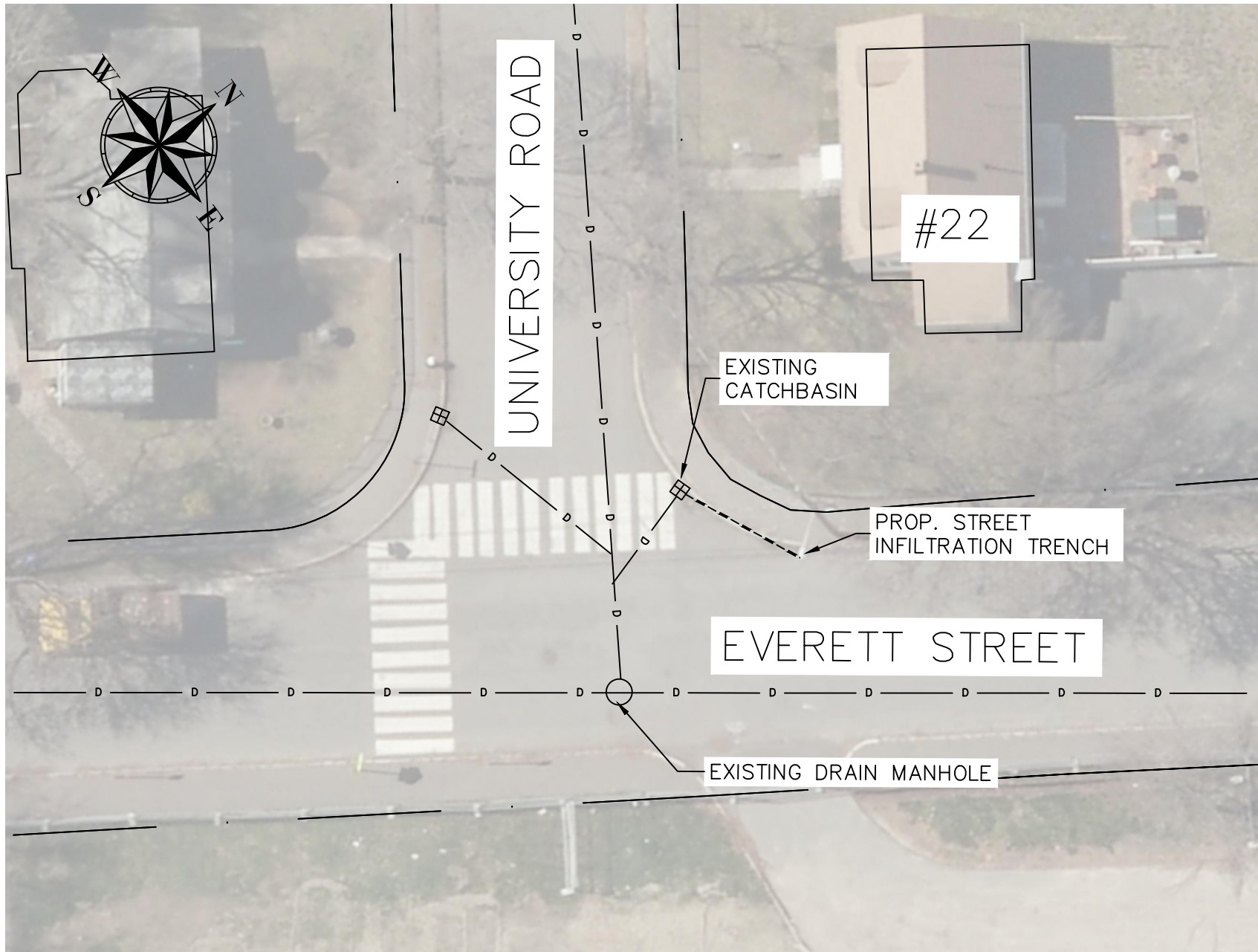
LOCATION #20 -14 FOSTER STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	14 FOSTER STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	17.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.75	
DEPTH TRENCH PIPE INV. (FT)	3.00	
DEPTH TRENCH BOTTOM (FT)	5.00	



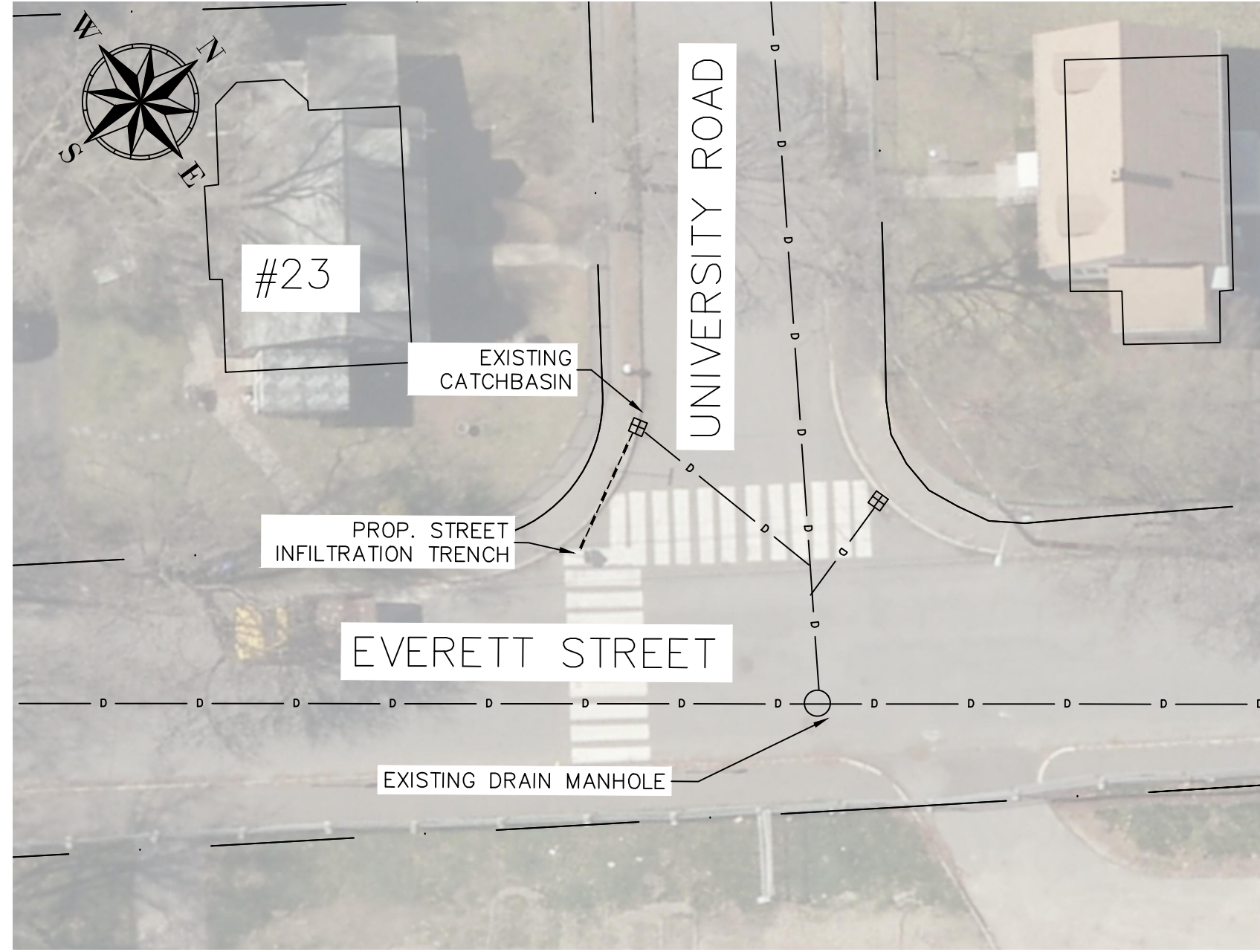
LOCATION #21 -24 FOSTER STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	24 FOSTER STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	18.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	2.83	
DEPTH TRENCH PIPE INV. (FT)	3.08	
DEPTH TRENCH BOTTOM (FT)	5.50	



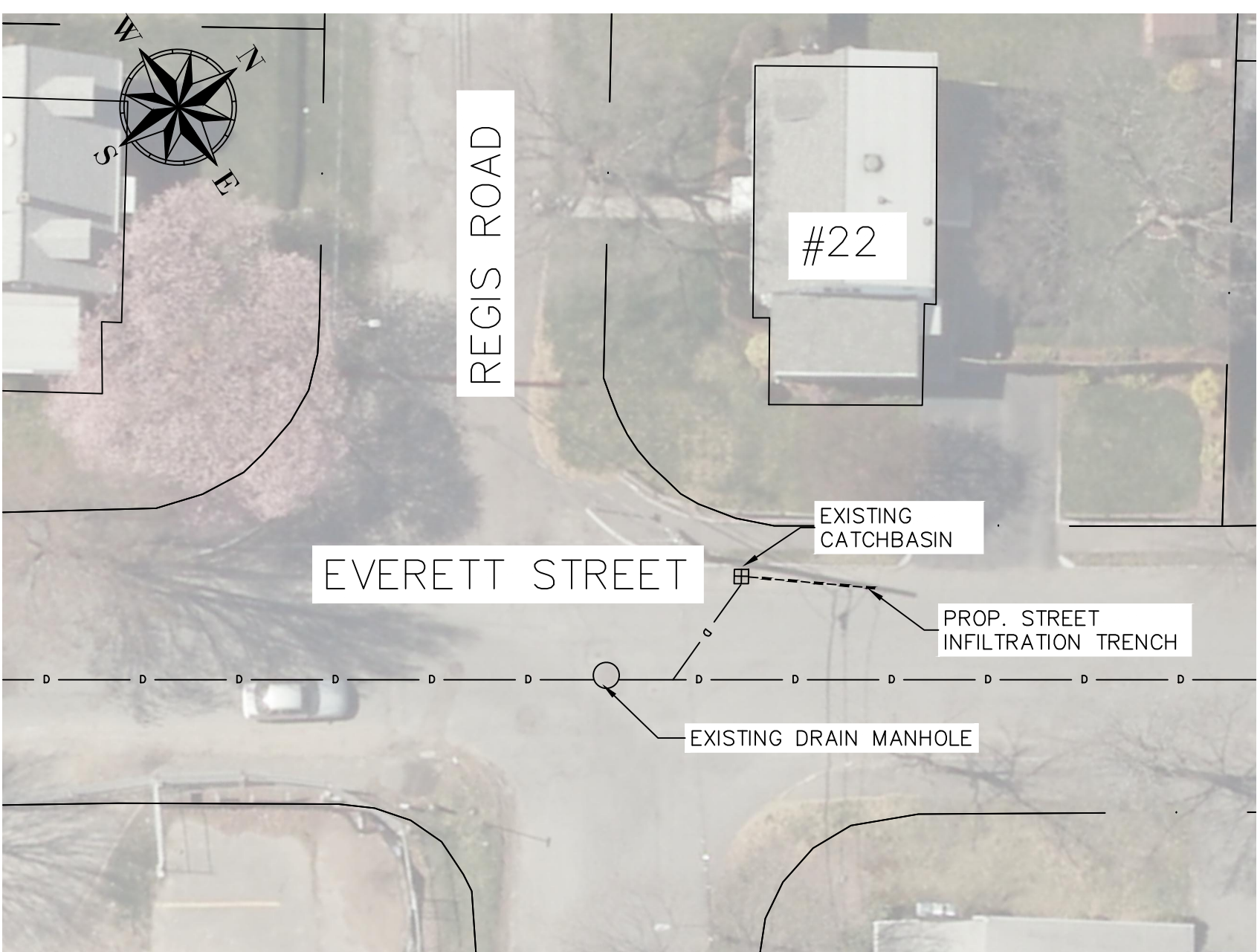
LOCATION #22 - 22 UNIVERSITY ROAD
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	22 UNIVERSITY ROAD	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	15.00	
WIDTH (FT)	3.50	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	3.00	
DEPTH TRENCH PIPE INV. (FT)	3.25	
DEPTH TRENCH BOTTOM (FT)	5.50	



LOCATION #23 -23 UNIVERSITY ROAD
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	23 UNIVERSITY ROAD	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	16.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.75	
DEPTH TRENCH PIPE INV. (FT)	3.00	
DEPTH TRENCH BOTTOM (FT)	5.00	



LOCATION #24 -22 REGIS ROAD
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	22 REGIS ROAD	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	16.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	3.16	
DEPTH TRENCH PIPE INV. (FT)	3.41	
DEPTH TRENCH BOTTOM (FT)	5.50	

NOTES

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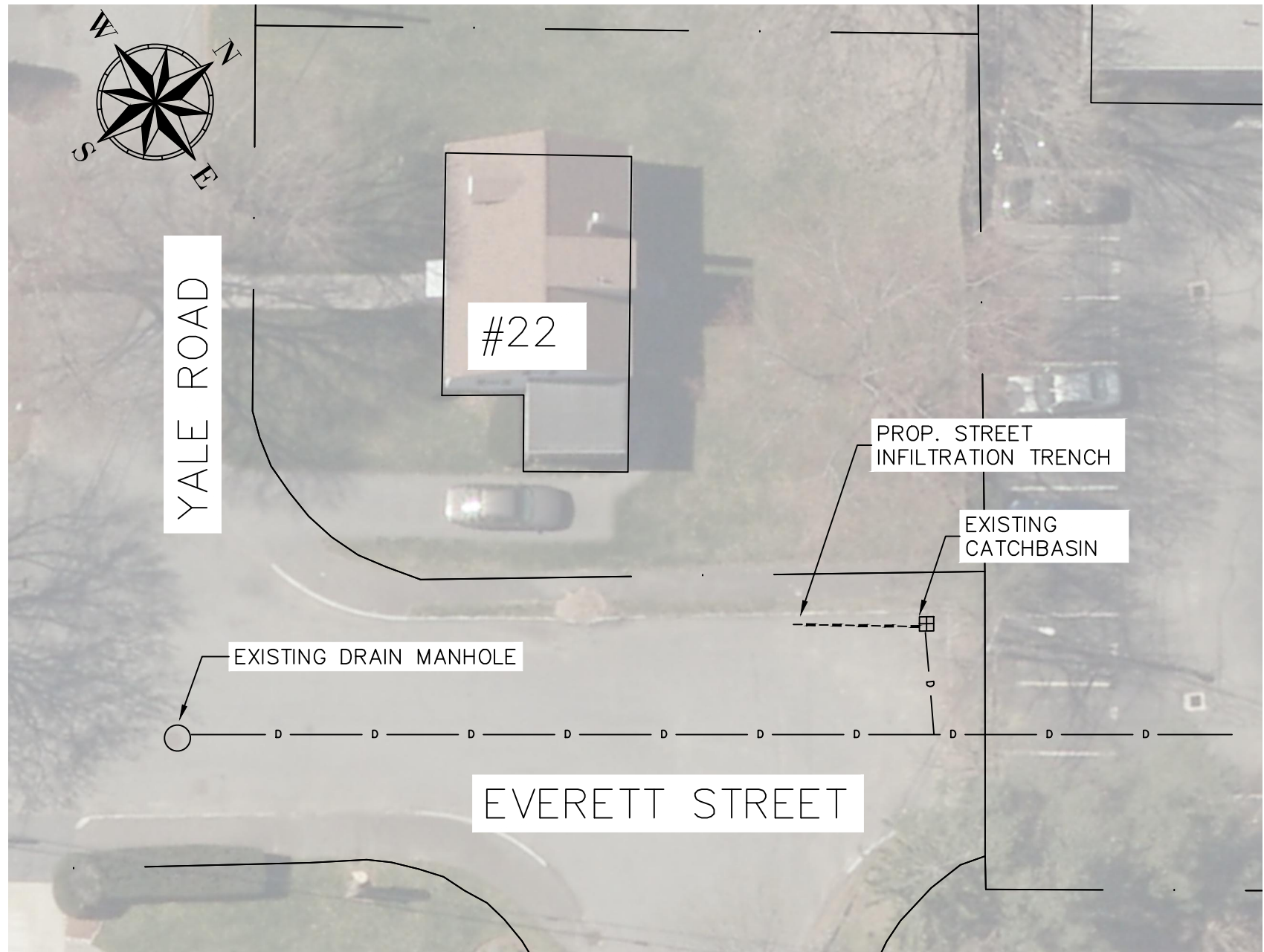
No.	Revision/Issue	Date

Town of
ARLINGTON
Engineering Division
51 Grove Street
Arlington, MA 02476

**2021 GREEN
INFRASTRUCTURE
IMPROVEMENTS PROJECT**

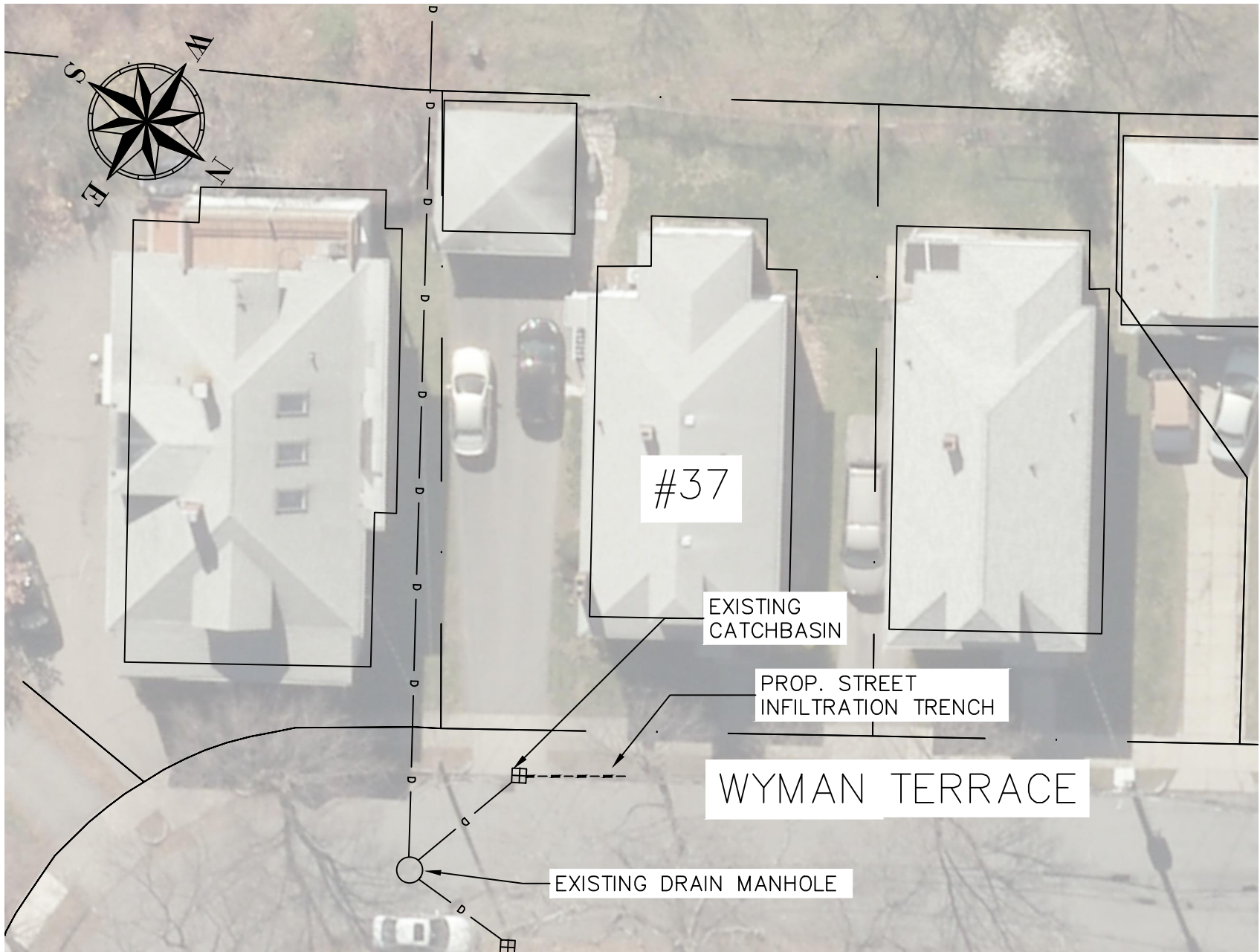
**ARLINGTON
TRENCHES # 19 - #24**

Drawn By:	AC	Sheet: 6
Verified By:	WCC	
Scale:	NTS	
Date:	FEBRUARY 2021	



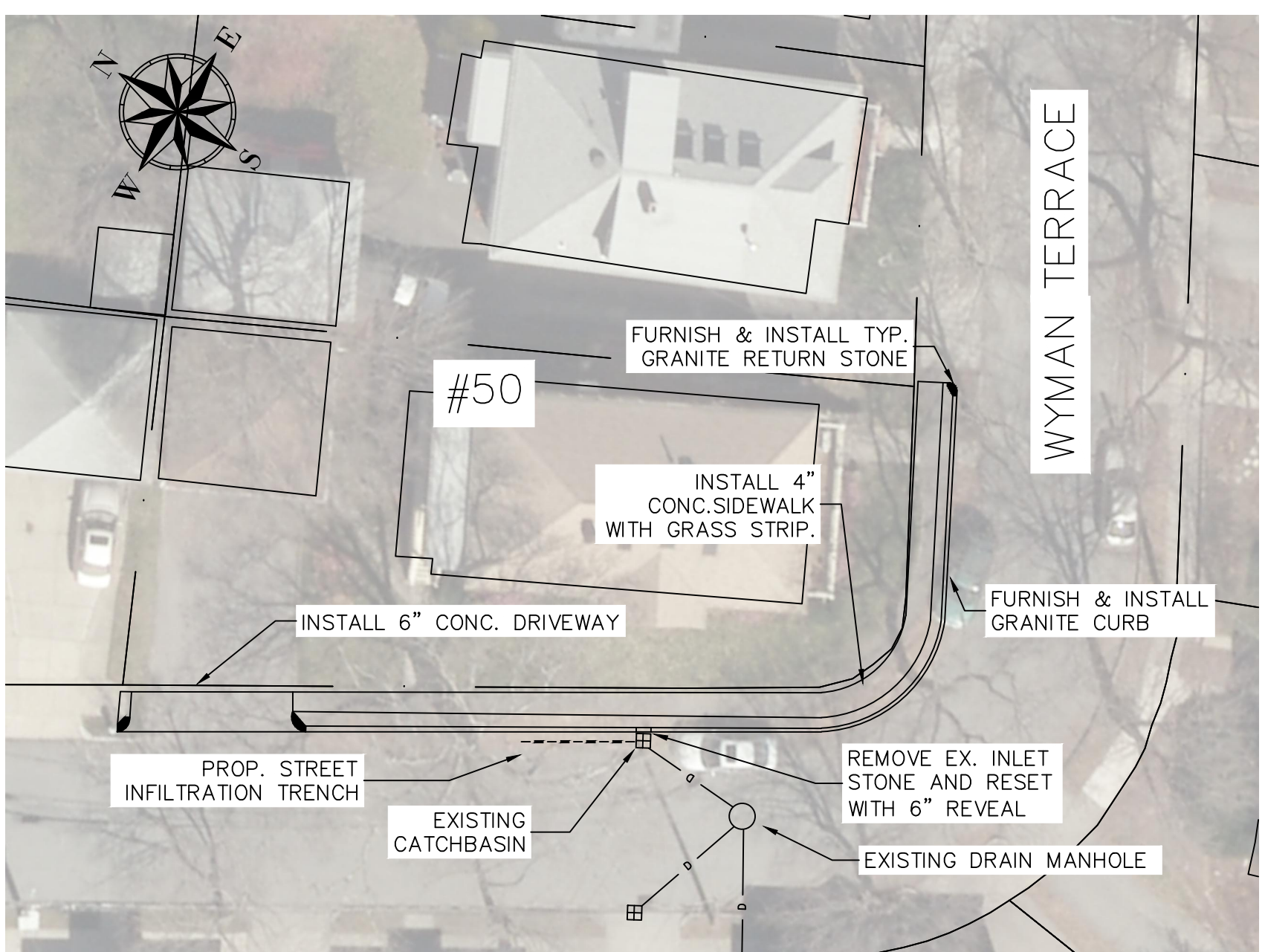
LOCATION #25 - 22 YALE ROAD
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	22 YALE ROAD	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	17.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.58	
DEPTH TRENCH PIPE INV. (FT)	2.83	
DEPTH TRENCH BOTTOM (FT)	5.00	



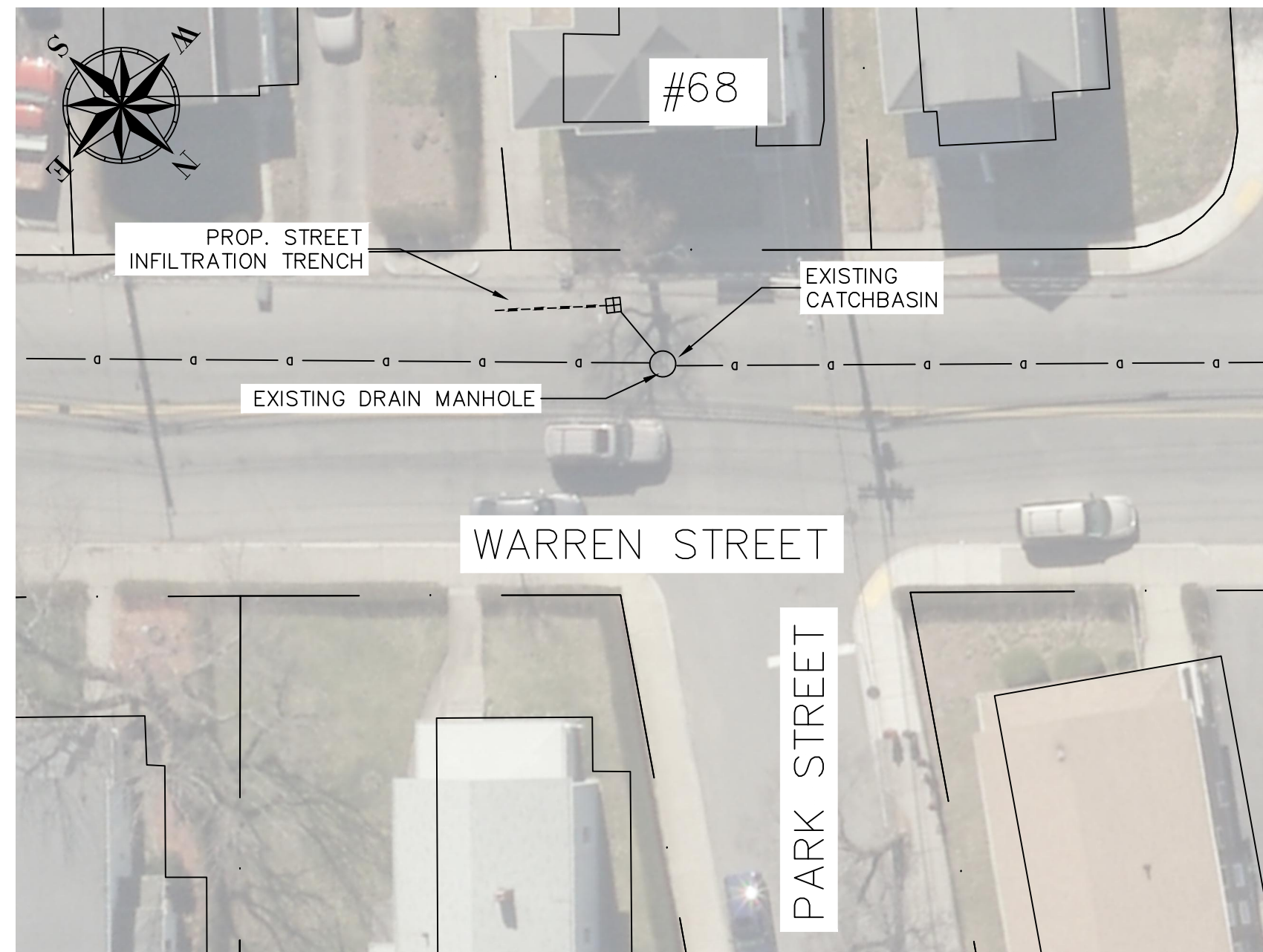
LOCATION #26 - 37 WYMAN TERRACE
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	37 WYMAN TERRACE	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	14.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.58	
DEPTH TRENCH PIPE INV. (FT)	2.83	
DEPTH TRENCH BOTTOM (FT)	5.00	



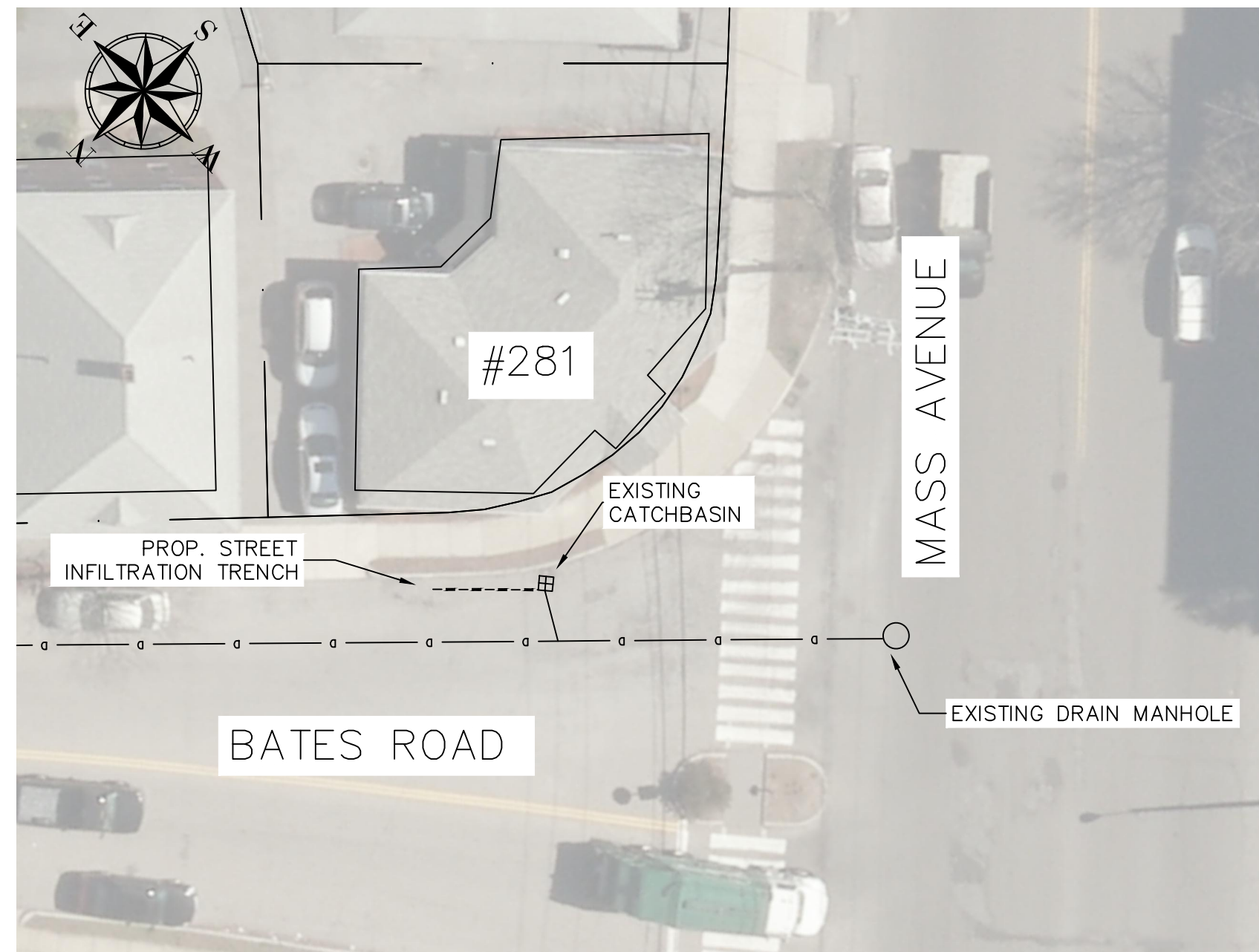
LOCATION #27 - 50 WYMAN TERRACE
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	50 WYMAN TERRACE	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	16.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.00	
DEPTH EXISTING INV. OUT (FT)	2.25	
DEPTH TRENCH PIPE INV. (FT)	2.50	
DEPTH TRENCH BOTTOM (FT)	5.00	



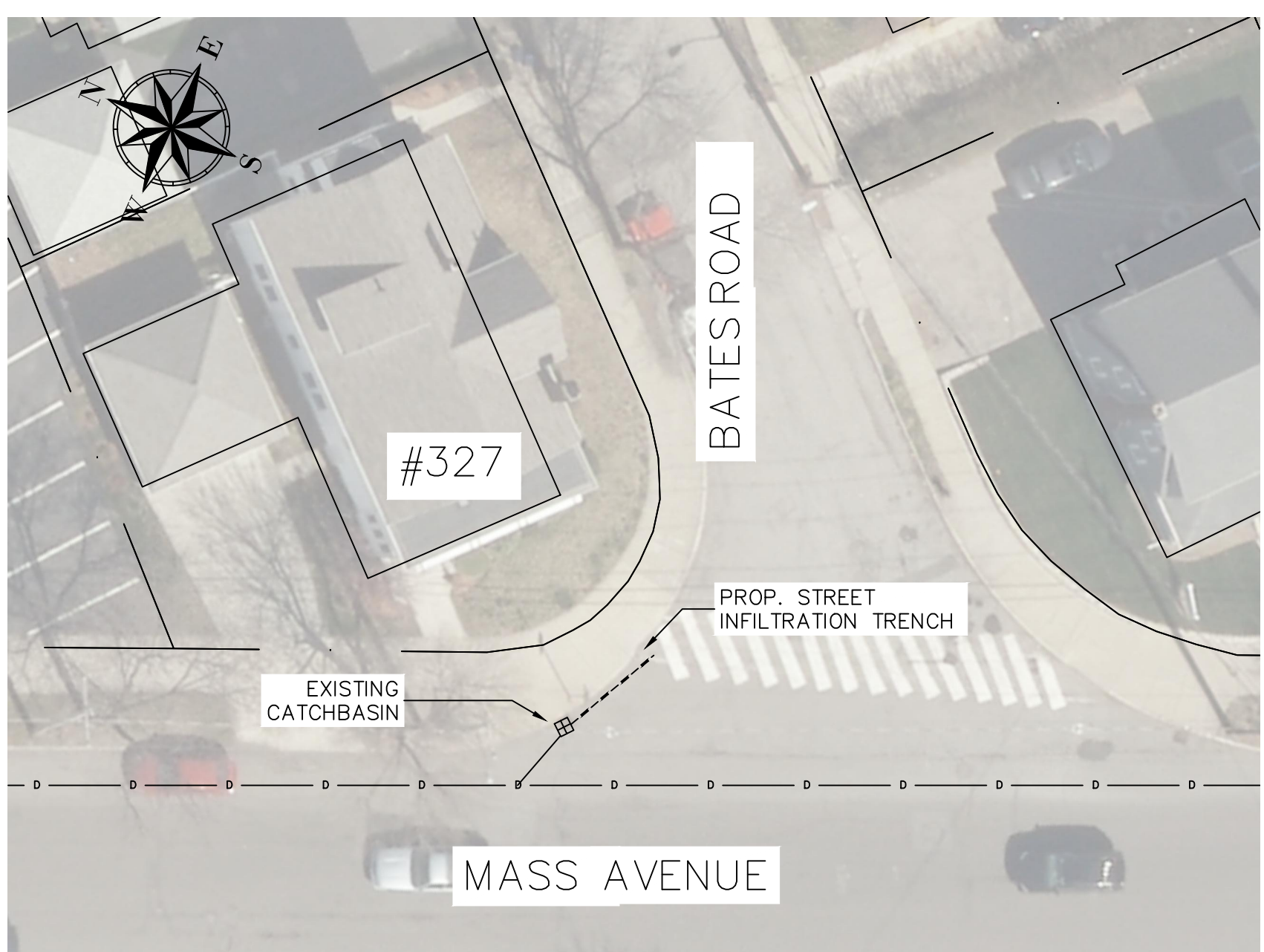
LOCATION #28 - 68 WARREN STREET
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	68 WARREN STREET	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	15.00	
WIDTH (FT)	3	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	3.00	
DEPTH TRENCH PIPE INV. (FT)	3.25	
DEPTH TRENCH BOTTOM (FT)	5.50	



LOCATION #29 - 281 MASS AVENUE
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	281 MASSACHUSETTS AVENUE	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	15.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	2.83	
DEPTH TRENCH PIPE INV. (FT)	3.08	
DEPTH TRENCH BOTTOM (FT)	5.50	



LOCATION #30 - 327 MASS AVENUE
SCALE: N.T.S.

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	327 MASSACHUSETTS AVENUE	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	15.00	
WIDTH (FT)	3.00	
DEPTH (FT)	5.50	
DEPTH EXISTING INV. OUT (FT)	3.16	
DEPTH TRENCH PIPE INV. (FT)	3.41	
DEPTH TRENCH BOTTOM (FT)	5.50	

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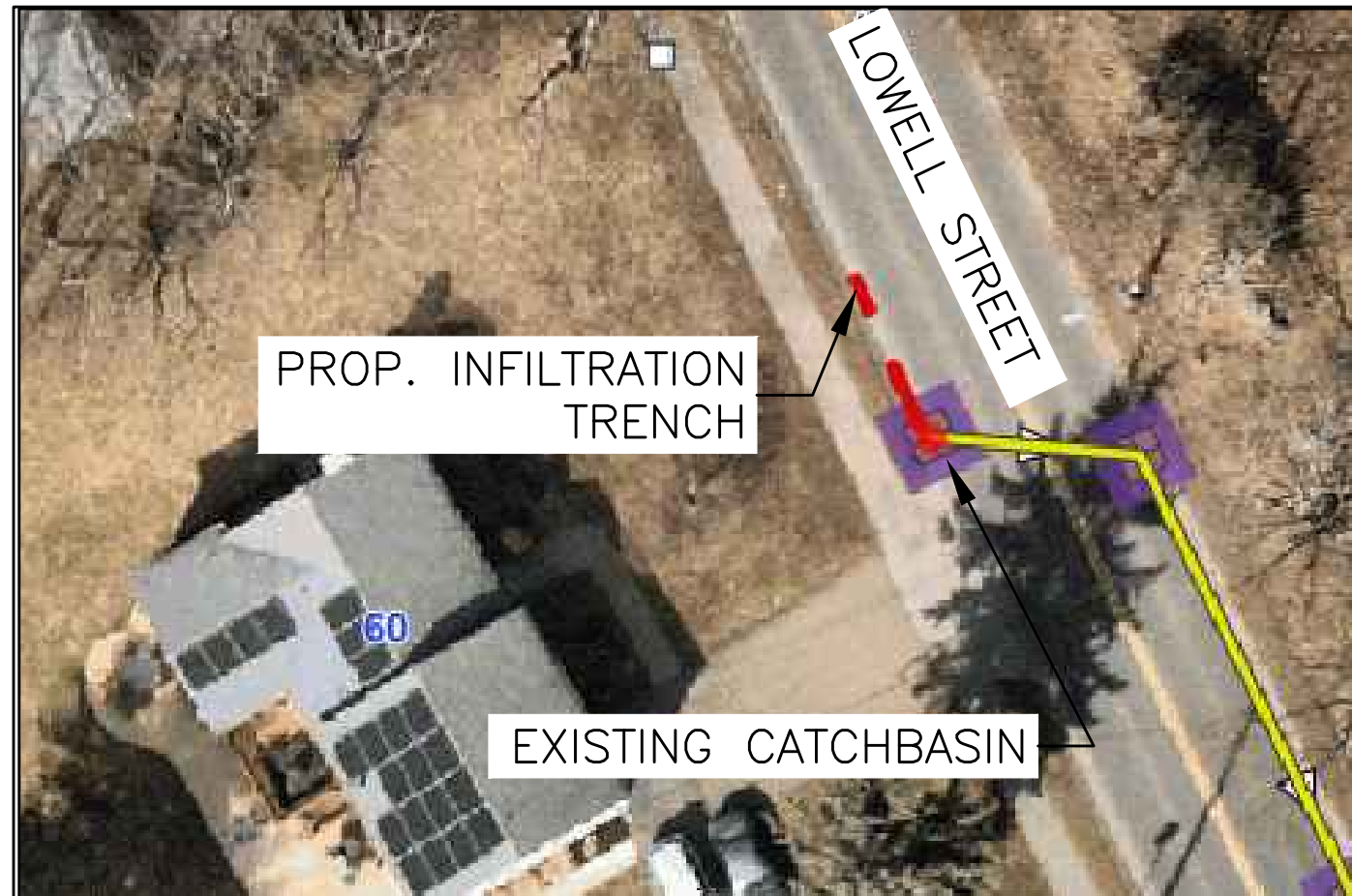
No.	Revision/Issue	Date

Town of
ARLINGTON
Engineering Division
51 Grove Street
Arlington, MA 02476

2021 GREEN
INFRASTRUCTURE
IMPROVEMENTS PROJECT

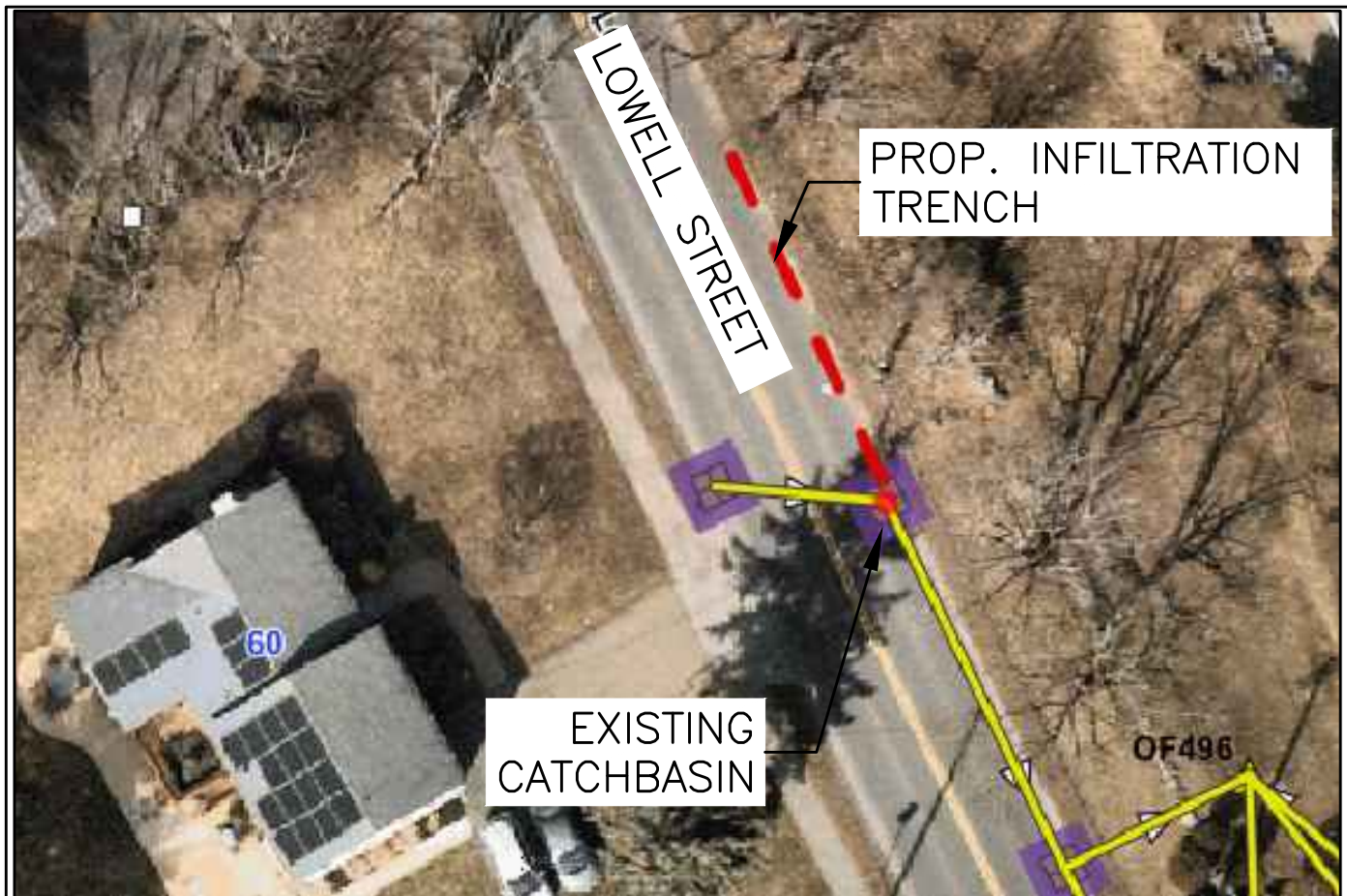
ARLINGTON
TRENCHES #25 - #30

Drawn By:	AC	7
Verified By:	WCC	
Scale:	NTS	
Date:	FEBRUARY 2021	



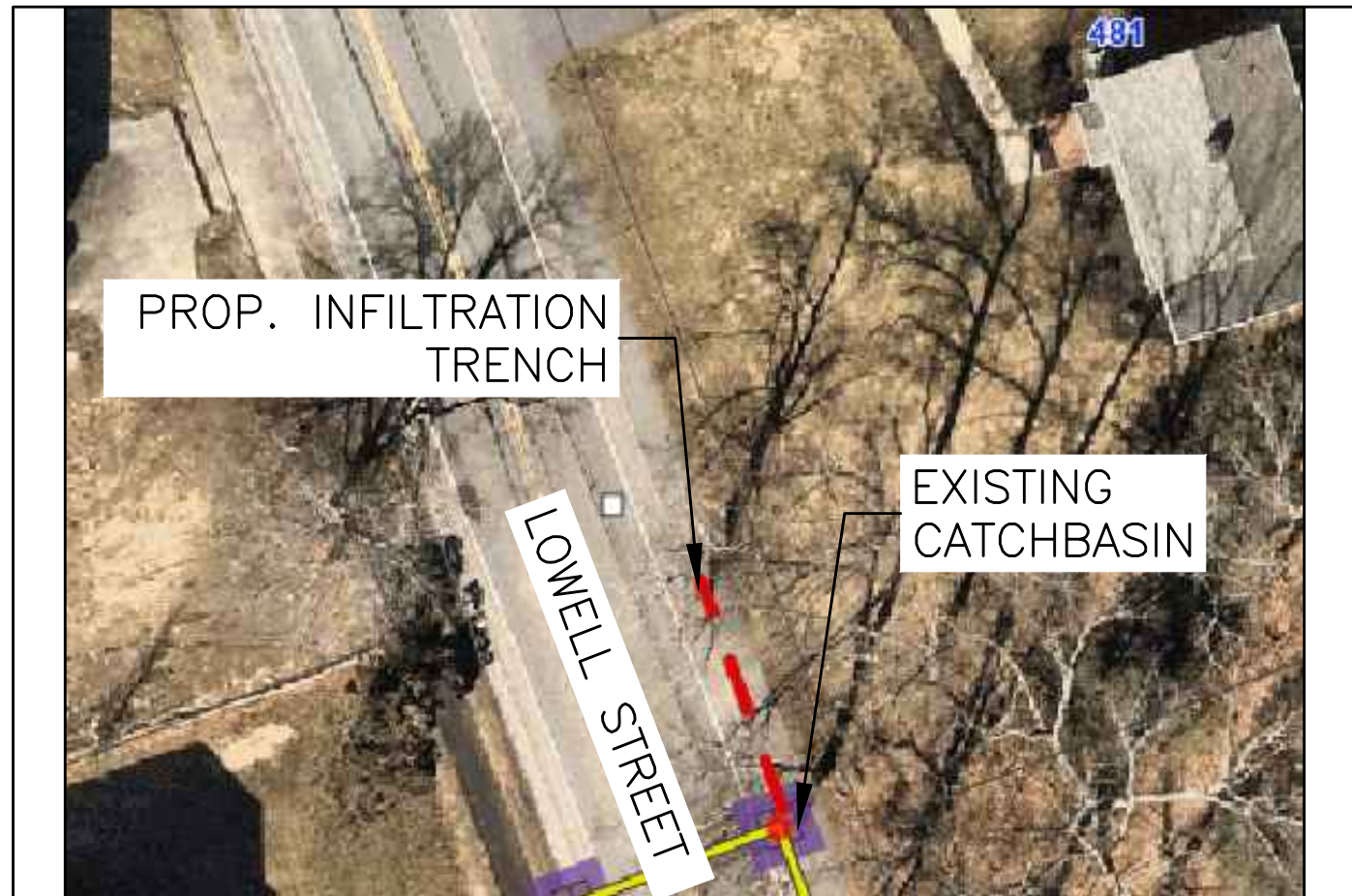
LOCATION #1: 60 LOWELL ST (2174)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	60 LOWELL STREET (IN 2174)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	18.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	2.30	
DEPTH TRENCH PIPE INV. (FT)	2.55	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.39	
N REDUCTION (LB/YR)	2.73	
TSS REDUCTION (LB/YR)	87.38	
SW VOLUME REDUCTION (CF)	69.00	



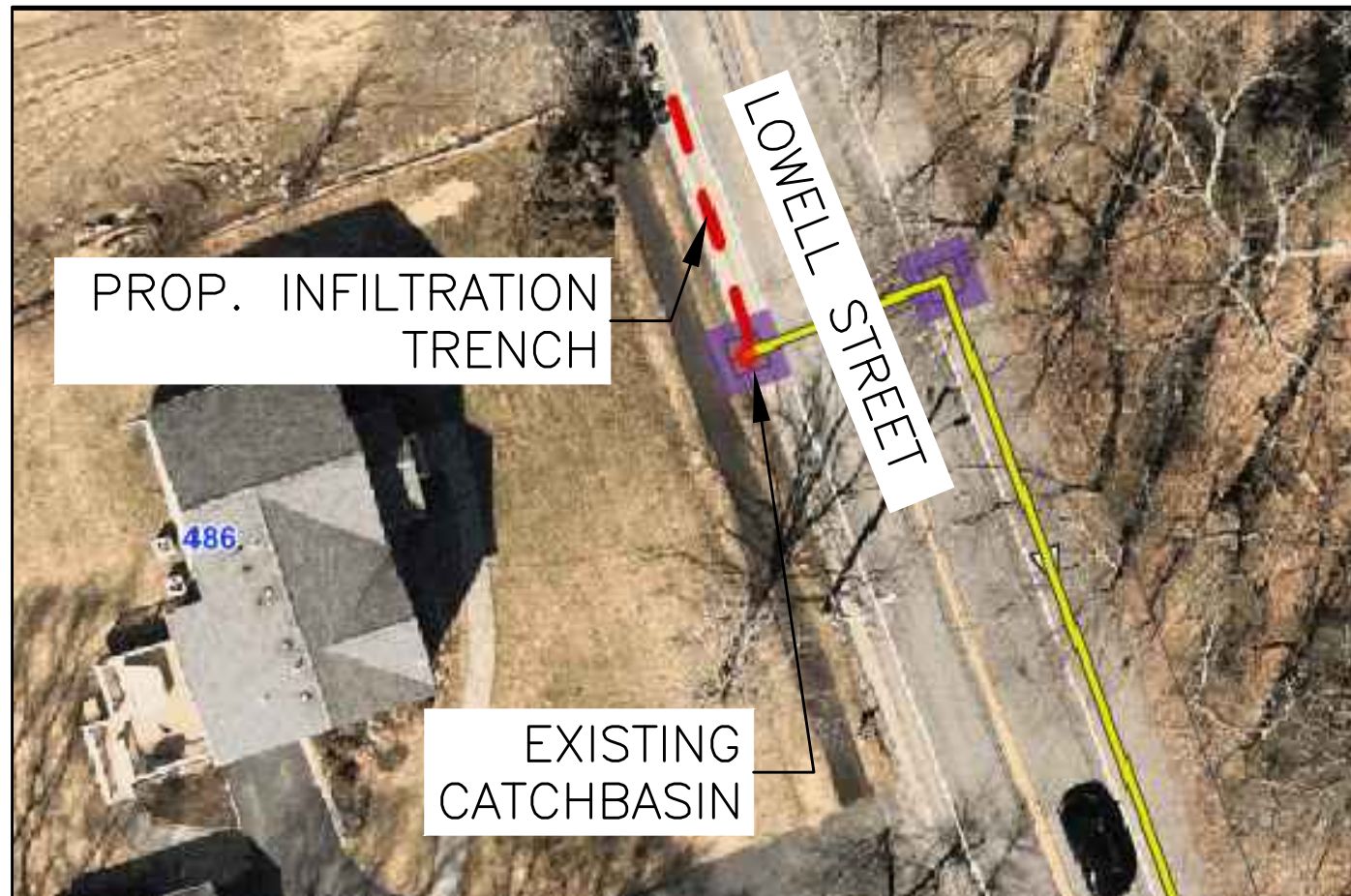
LOCATION #2: 60 LOWELL ST (2175)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	60 LOWELL STREET (IN 2175)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	50.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	2.00	
DEPTH TRENCH PIPE INV. (FT)	2.25	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	1.25	
N REDUCTION (LB/YR)	8.65	
TSS REDUCTION (LB/YR)	279.39	
SW VOLUME REDUCTION (CF)	218.00	



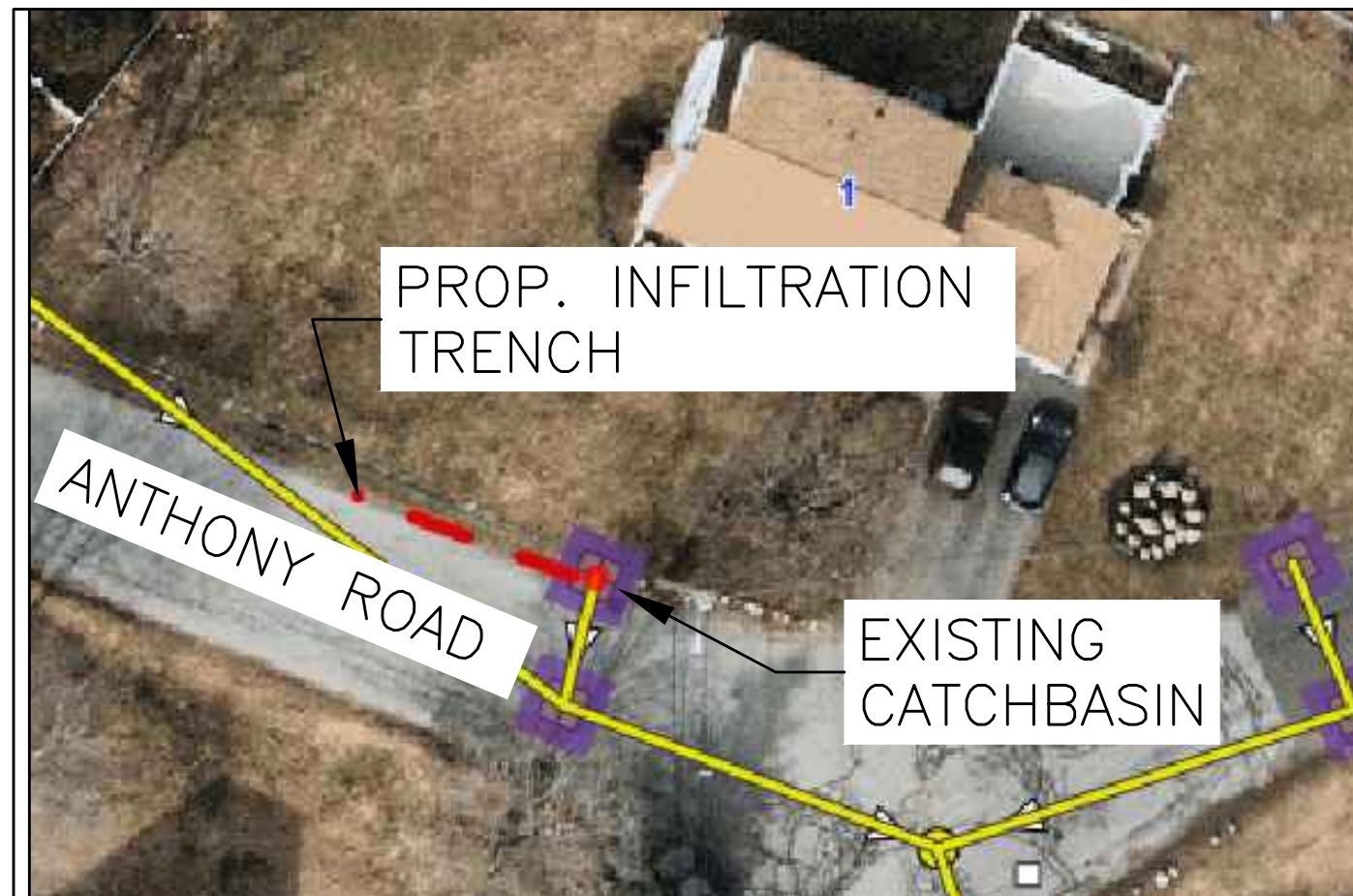
LOCATION #3: 481 LOWELL ST (3722)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	481 LOWELL STREET (IN 3722)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	33.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.00	
DEPTH TRENCH PIPE INV. (FT)	3.25	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.71	
N REDUCTION (LB/YR)	4.99	
TSS REDUCTION (LB/YR)	159.66	
SW VOLUME REDUCTION (CF)	126.00	



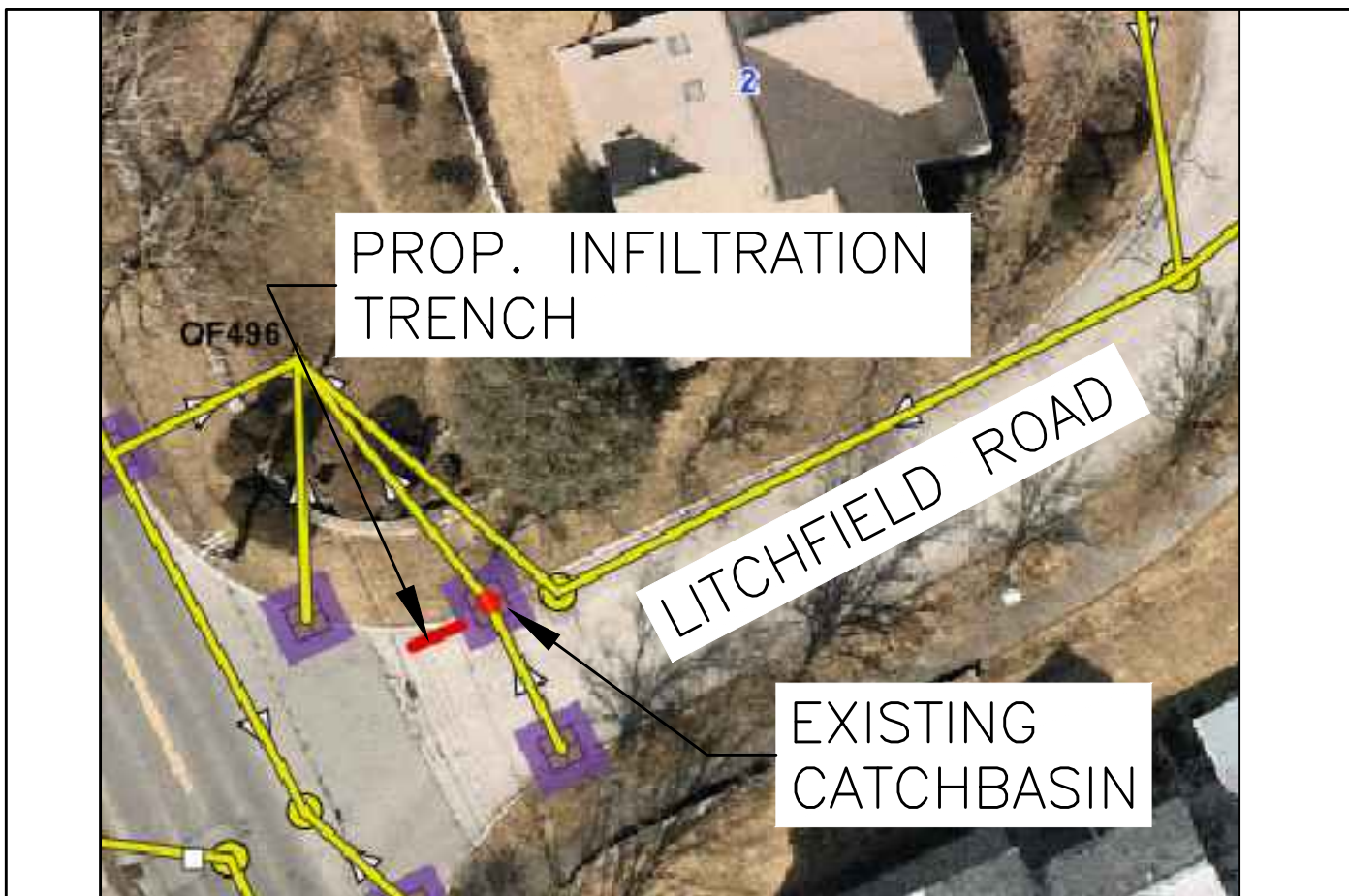
LOCATION #4: 486 LOWELL ST (3723)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	486 LOWELL STREET (IN 3723)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	40.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	1.90	
DEPTH TRENCH PIPE INV. (FT)	2.15	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.87	
N REDUCTION (LB/YR)	6.12	
TSS REDUCTION (LB/YR)	196.09	
SW VOLUME REDUCTION (CF)	154.00	



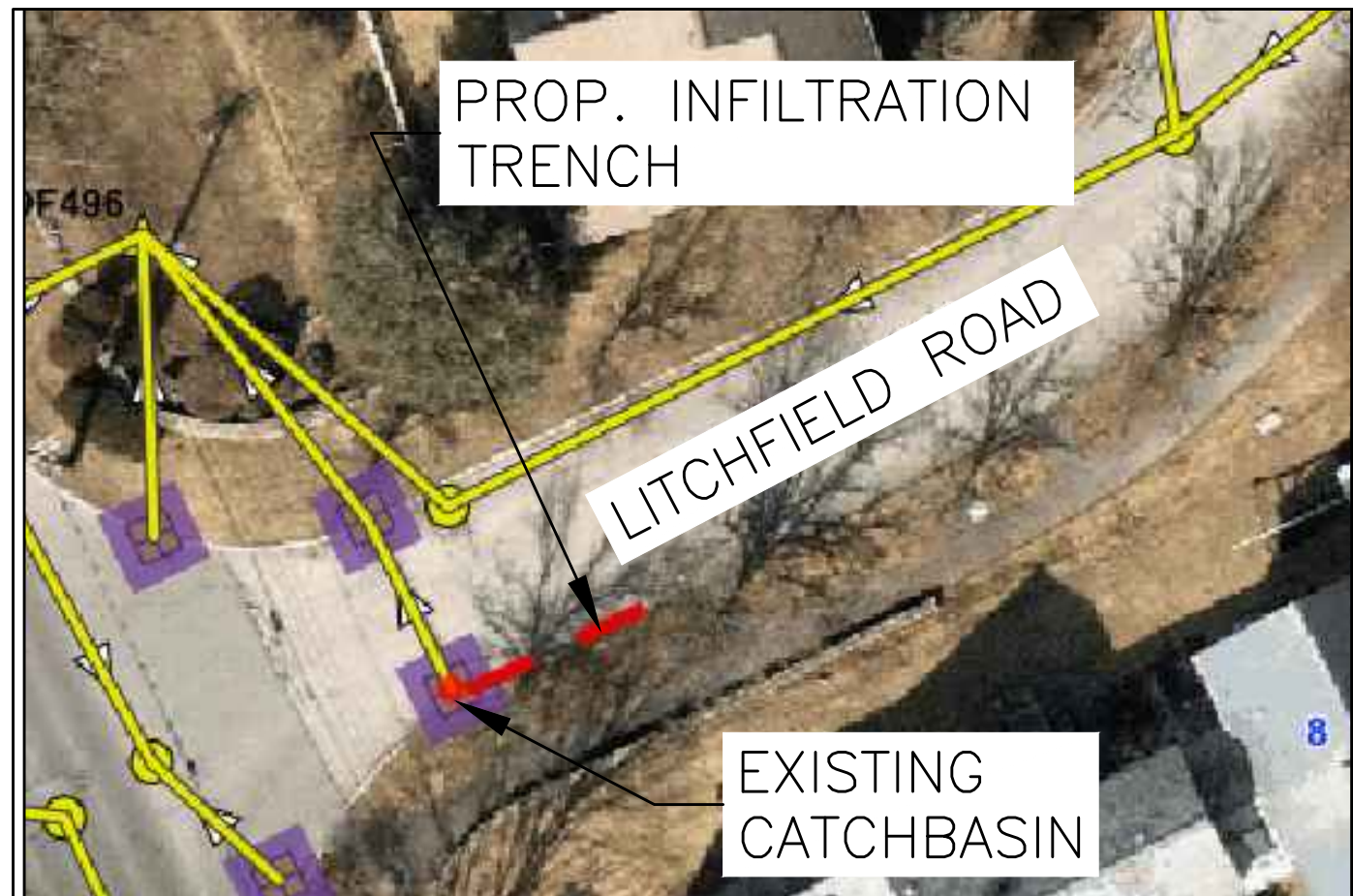
LOCATION #5: 1 ANTHONY ST (2125)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	1 ANTHONY STREET (IN 2125)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	29.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.50	
DEPTH TRENCH PIPE INV. (FT)	3.75	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.90	
N REDUCTION (LB/YR)	6.29	
TSS REDUCTION (LB/YR)	209.06	
SW VOLUME REDUCTION (CF)	159.00	



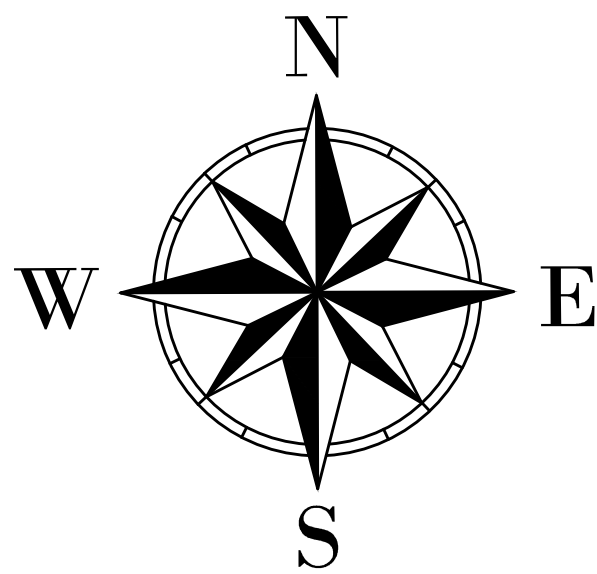
LOCATION #6: 2 LITCHFIELD RD (2178)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	2 LITCHFIELD RD (IN 2178)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	10.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	1.70	
DEPTH TRENCH PIPE INV. (FT)	1.95	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.15	
N REDUCTION (LB/YR)	1.08	
TSS REDUCTION (LB/YR)	33.77	
SW VOLUME REDUCTION (CF)	27.00	

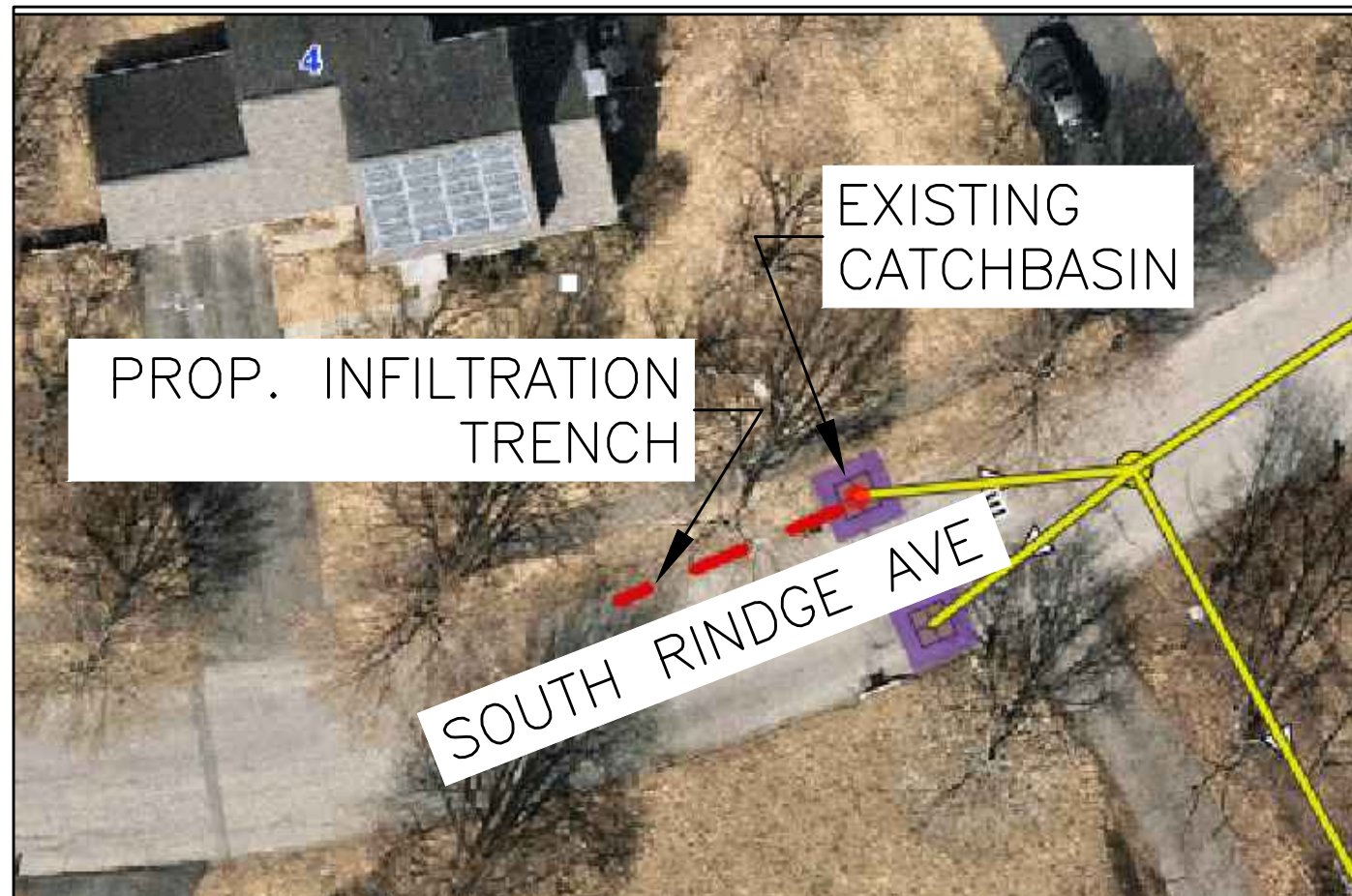


LOCATION #7: 2 LITCHFIELD RD (2179)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	2 LITCHFIELD RD (IN 2179)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	23.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	1.70	
DEPTH TRENCH PIPE INV. (FT)	1.95	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.42	
N REDUCTION (LB/YR)	2.95	
TSS REDUCTION (LB/YR)	93.09	
SW VOLUME REDUCTION (CF)	74.00	



DATE	REVISION	BY	STREET TRENCH DESIGNS AND LOCATIONS		
1/23/21	VIEWPORTS	ML			
1/25/21	DESIGN TABLES	ML			
1/26/21	TRENCH LENGTHS	ML			
Town of Lexington ENGINEERING DIVISION			DRAWN BY: ML	DATE: 1/20/21	SCALE: N.T.S
			DESIGNED BY: ML	CHECKED BY: MS	
			APPROVED BY: _____		
					SHEET 9



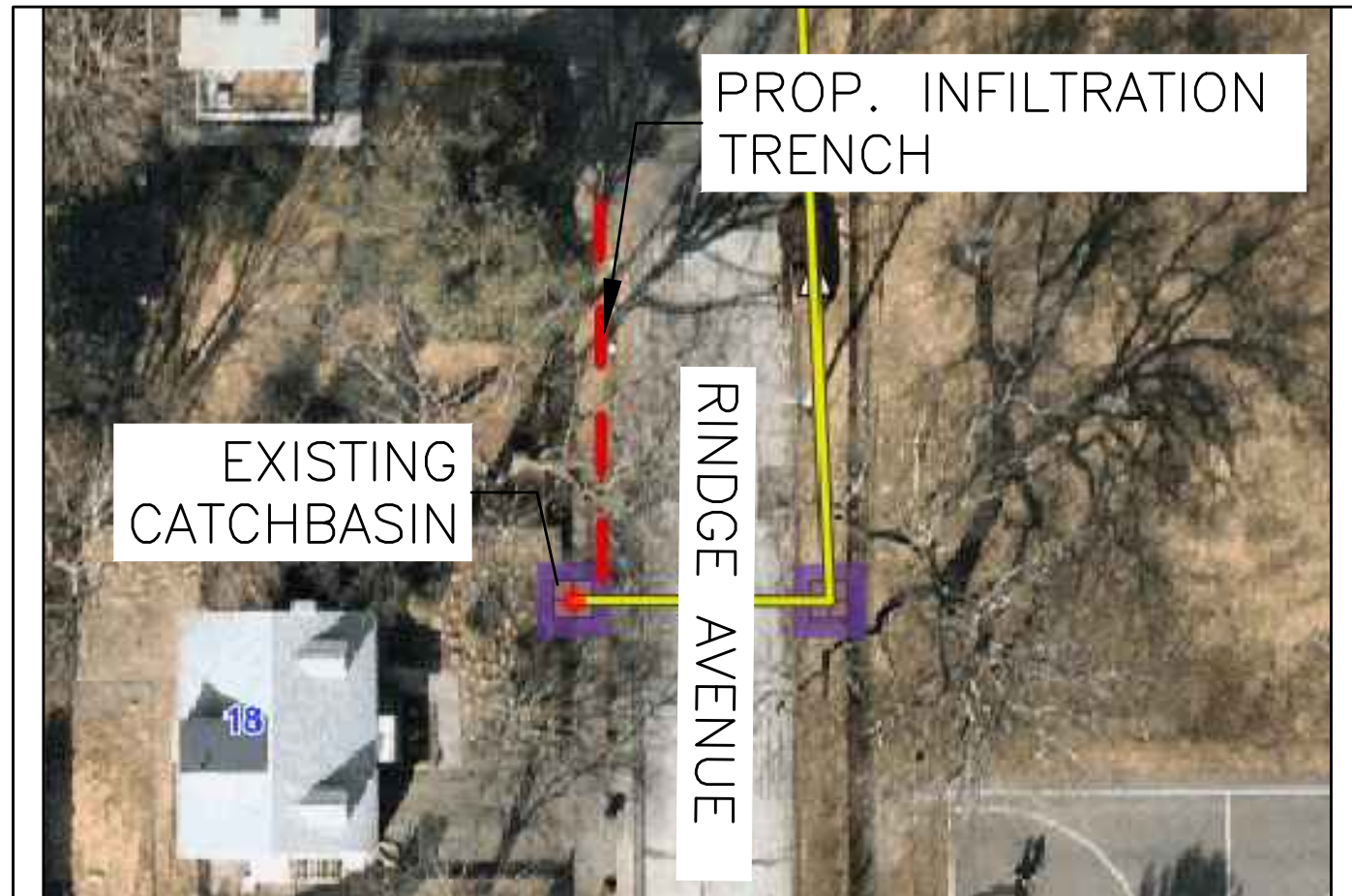
LOCATION #8: 4 SOUTH RINDGE AVE (2213)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	4 SOUTH RINDGE AVE (IN 2213)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	33.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.50	
DEPTH TRENCH PIPE INV. (FT)	3.75	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.89	
N REDUCTION (LB/YR)	6.23	
TSS REDUCTION (LB/YR)	203.10	
SW VOLUME REDUCTION (CF)	157.00	



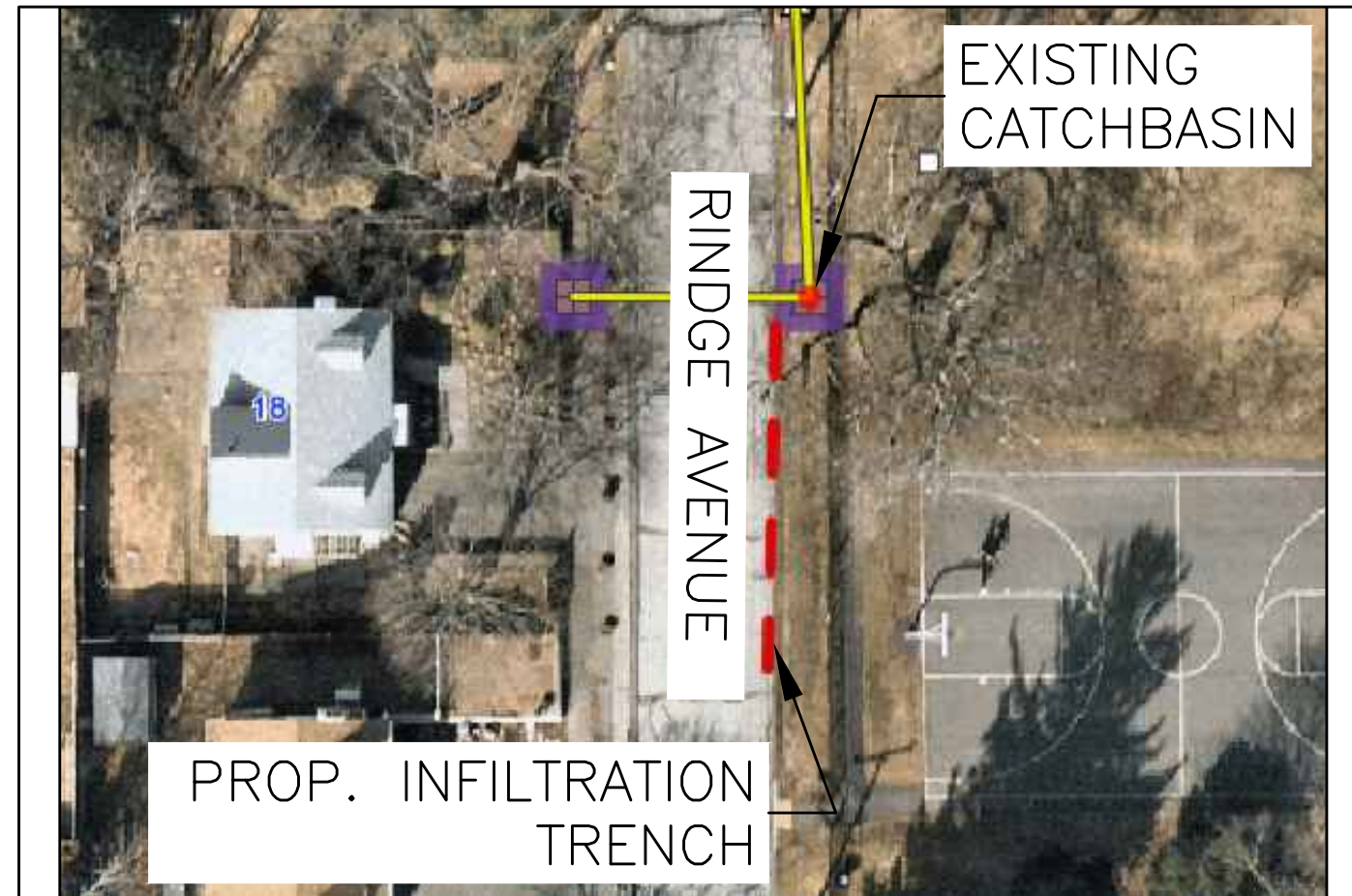
LOCATION #9: 7 SOUTH RINDGE AVE (2215)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	7 SOUTH RINDGE AVE (IN 2215)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	24.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.00	
DEPTH TRENCH PIPE INV. (FT)	3.25	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.63	
N REDUCTION (LB/YR)	4.42	
TSS REDUCTION (LB/YR)	143.44	
SW VOLUME REDUCTION (CF)	111.00	



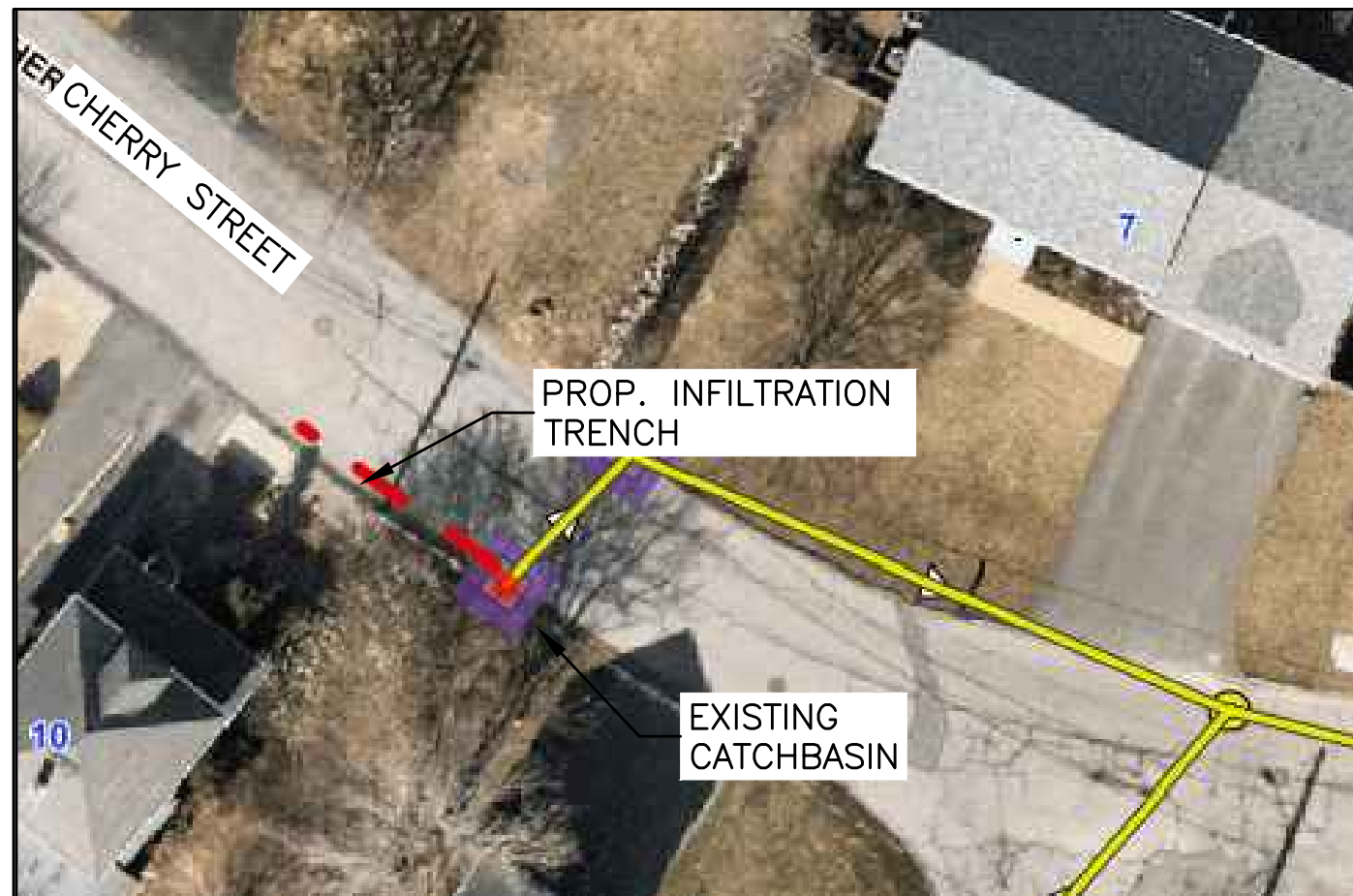
LOCATION #10: 18 RINDGE AVE (2092)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	18 RINDGE AVE (IN 2092)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	50.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.00	
DEPTH TRENCH PIPE INV. (FT)	3.25	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	2.55	
N REDUCTION (LB/YR)	17.74	
TSS REDUCTION (LB/YR)	675.21	
SW VOLUME REDUCTION (CF)	447.00	



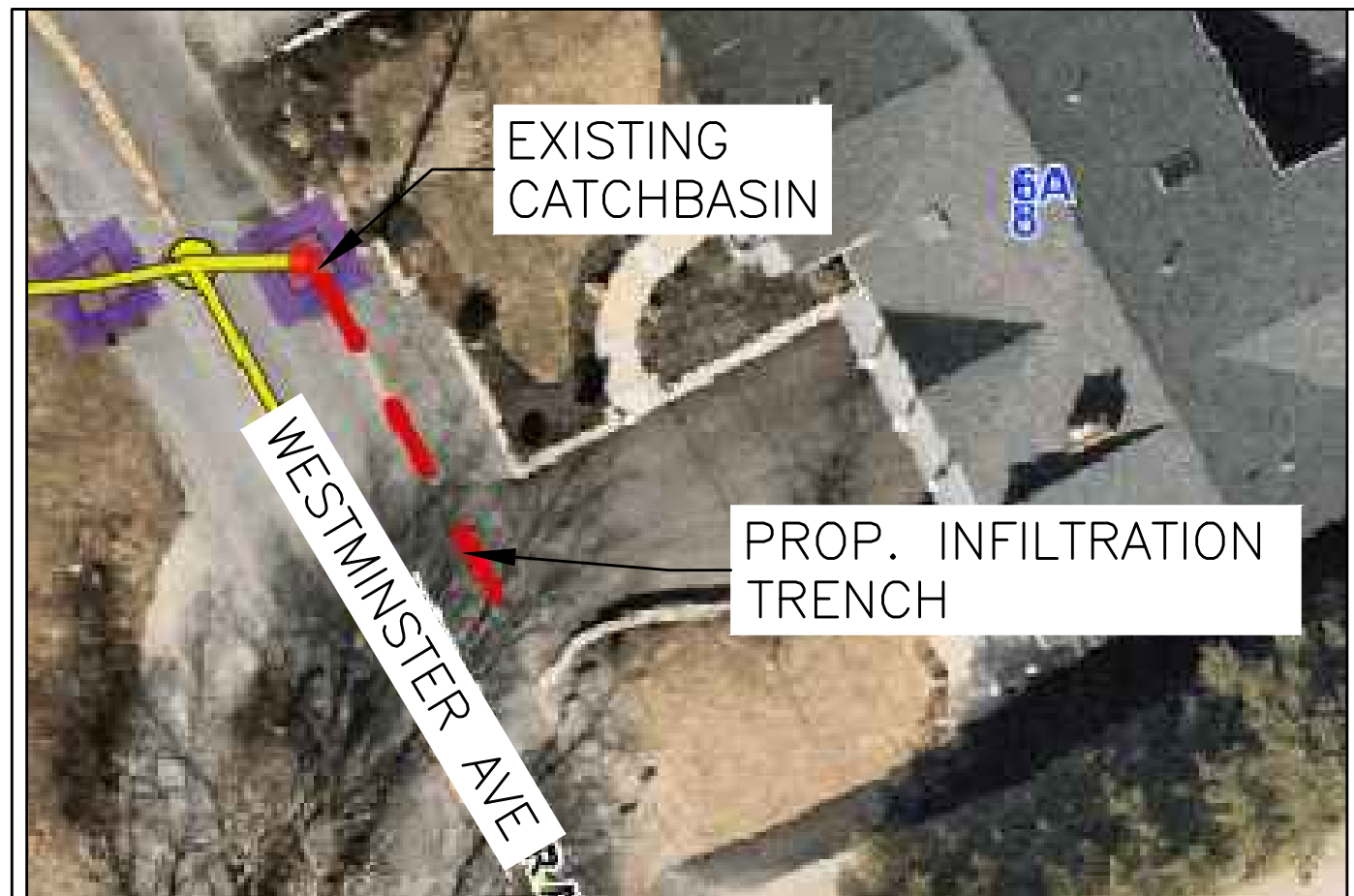
LOCATION #11: 18 RINDGE AVE (2093)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	18 RINDGE AVE (IN 2093)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	50.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	2.50	
DEPTH TRENCH PIPE INV. (FT)	2.75	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	1.25	
N REDUCTION (LB/YR)	8.79	
TSS REDUCTION (LB/YR)	284.42	
SW VOLUME REDUCTION (CF)	222.00	



LOCATION #12: 7 CHERRY ST (2250)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	7 CHERRY ST (IN 2250)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	30.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.20	
DEPTH TRENCH PIPE INV. (FT)	3.45	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.65	
N REDUCTION (LB/YR)	4.65	
TSS REDUCTION (LB/YR)	146.22	
SW VOLUME REDUCTION (CF)	115.00	



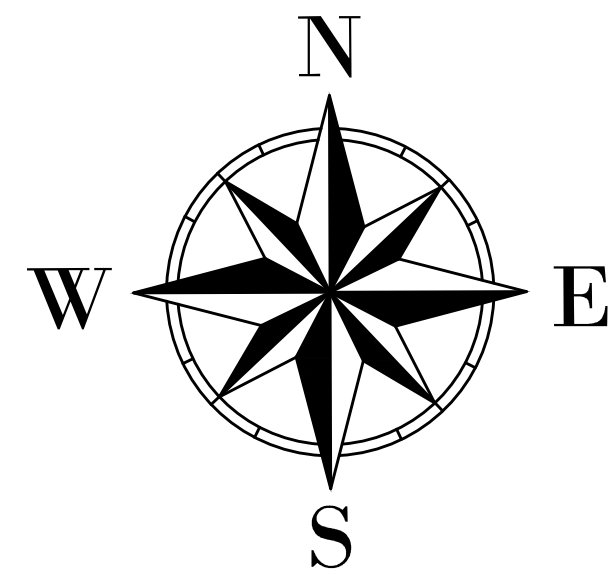
LOCATION #13: 8 WESTMINSTER AVE (2186)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	8 WESTMINSTER AVE (IN 2186)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	40.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.50	
DEPTH TRENCH PIPE INV. (FT)	3.75	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	1.48	
N REDUCTION (LB/YR)	10.38	
TSS REDUCTION (LB/YR)	359.55	
SW VOLUME REDUCTION (CF)	262.00	



LOCATION #14: 6 RUSSELL RD (2726)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	6 RUSSELL RD (IN 2726)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	40.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.50	
DEPTH TRENCH PIPE INV. (FT)	3.75	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.14	
N REDUCTION (LB/YR)	1.01	
TSS REDUCTION (LB/YR)	31.36	
SW VOLUME REDUCTION (CF)	25.00	



DATE	REVISION	BY	STREET TRENCH DESIGNS AND LOCATIONS		
1/22/21	VIEWPORTS	ML			
1/25/21	DESIGN TABLES	ML			
1/26/21	TRENCH LENGTHS	ML			
Town of Lexington ENGINEERING DIVISION			DRAWN BY: ML	DATE: 1/20/21	SCALE: N.T.S
			DESIGNED BY: ML	CHECKED BY: MS	
			APPROVED BY: _____		
					SHEET 10



DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	6 FARM RD (IN 2148)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	6.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.50	
DEPTH TRENCH PIPE INV. (FT)	3.75	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.17	
N REDUCTION (LB/YR)	1.19	
TSS REDUCTION (LB/YR)	38.93	
SW VOLUME REDUCTION (CF)	30.00	



DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	6 FARM RD (IN 2149)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	25.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.50	
DEPTH TRENCH PIPE INV. (FT)	3.75	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.89	
N REDUCTION (LB/YR)	6.22	
TSS REDUCTION (LB/YR)	213.45	
SW VOLUME REDUCTION (CF)	157.00	



DESIGN & AS-BUILT TABLE			
NEAREST ADDRESS		7 FARM RD (IN 2193)	
TRENCH DESIGN		DESIGN	AS-BUILT
LENGTH (FT)		9.00	
WIDTH (FT)		4.00	
DEPTH (FT)		5.00	
HOOD TYPE		NA	
DEPTH EXISTING INV. OUT (FT)		3.50	
DEPTH TRENCH PIPE INV. (FT)		3.75	
DEPTH TRENCH BOTTOM (FT)		5.00	
POLLUTANT REMOVAL		DESIGN	AS-BUILT
P REDUCTION (LB/YR)		0.24	
N REDUCTION (LB/YR)		1.66	
TSS REDUCTION (LB/YR)		53.90	
SW VOLUME REDUCTION (CF)		42.00	



DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	7 FARM RD (IN 2194)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	19.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.50	
DEPTH TRENCH PIPE INV. (FT)	3.75	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.58	
N REDUCTION (LB/YR)	4.04	
TSS REDUCTION (LB/YR)	133.74	
SW VOLUME REDUCTION (CF)	102.00	



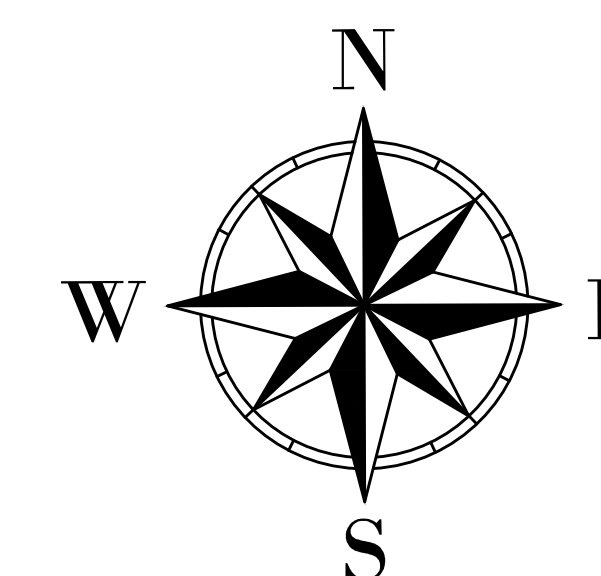
DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	3 ROGERS RD (IN 7751)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	17.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.20	
DEPTH TRENCH PIPE INV. (FT)	3.45	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.62	
N REDUCTION (LB/YR)	4.32	
TSS REDUCTION (LB/YR)	148.87	
SW VOLUME REDUCTION (CF)	109.00	



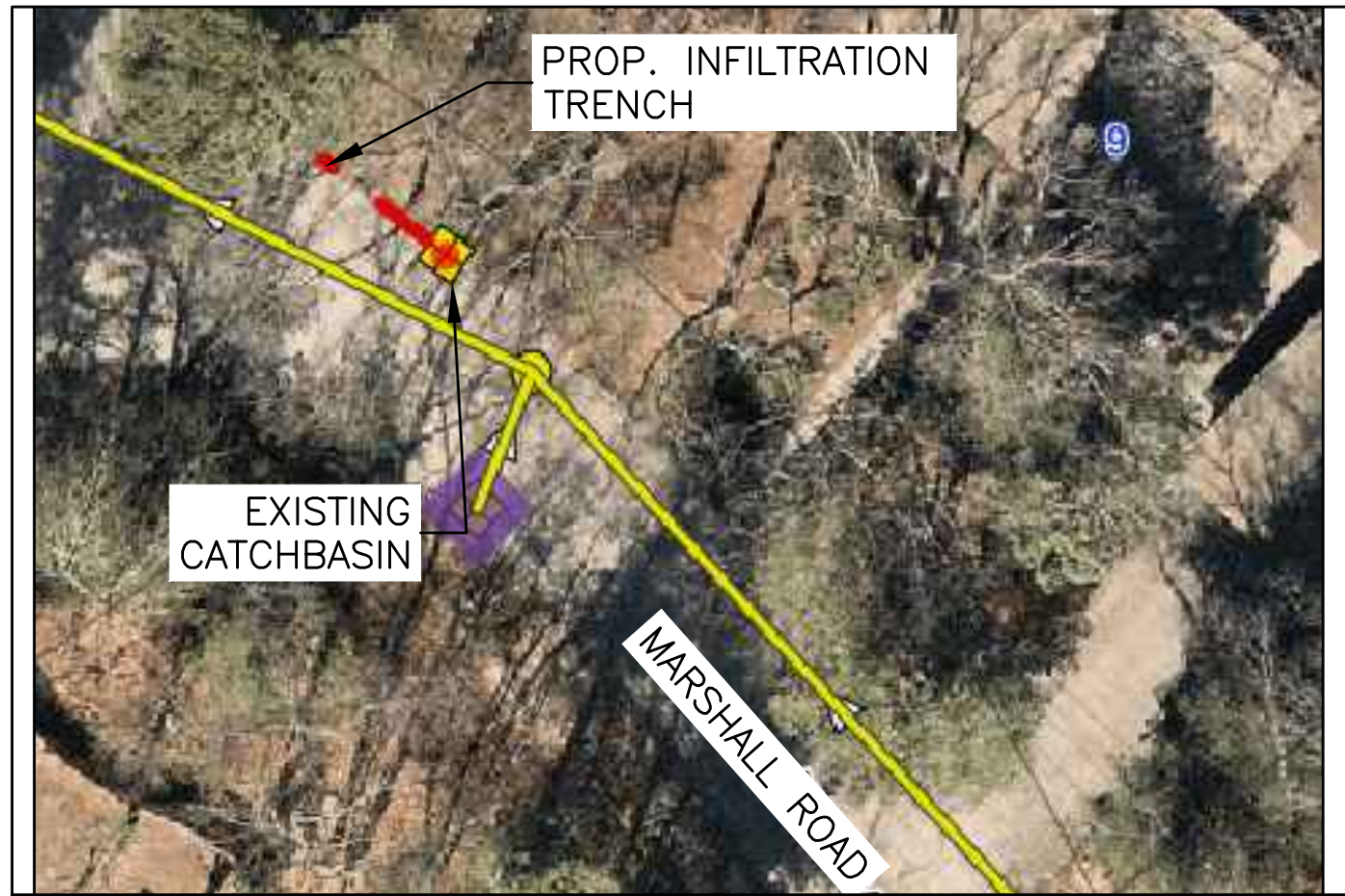
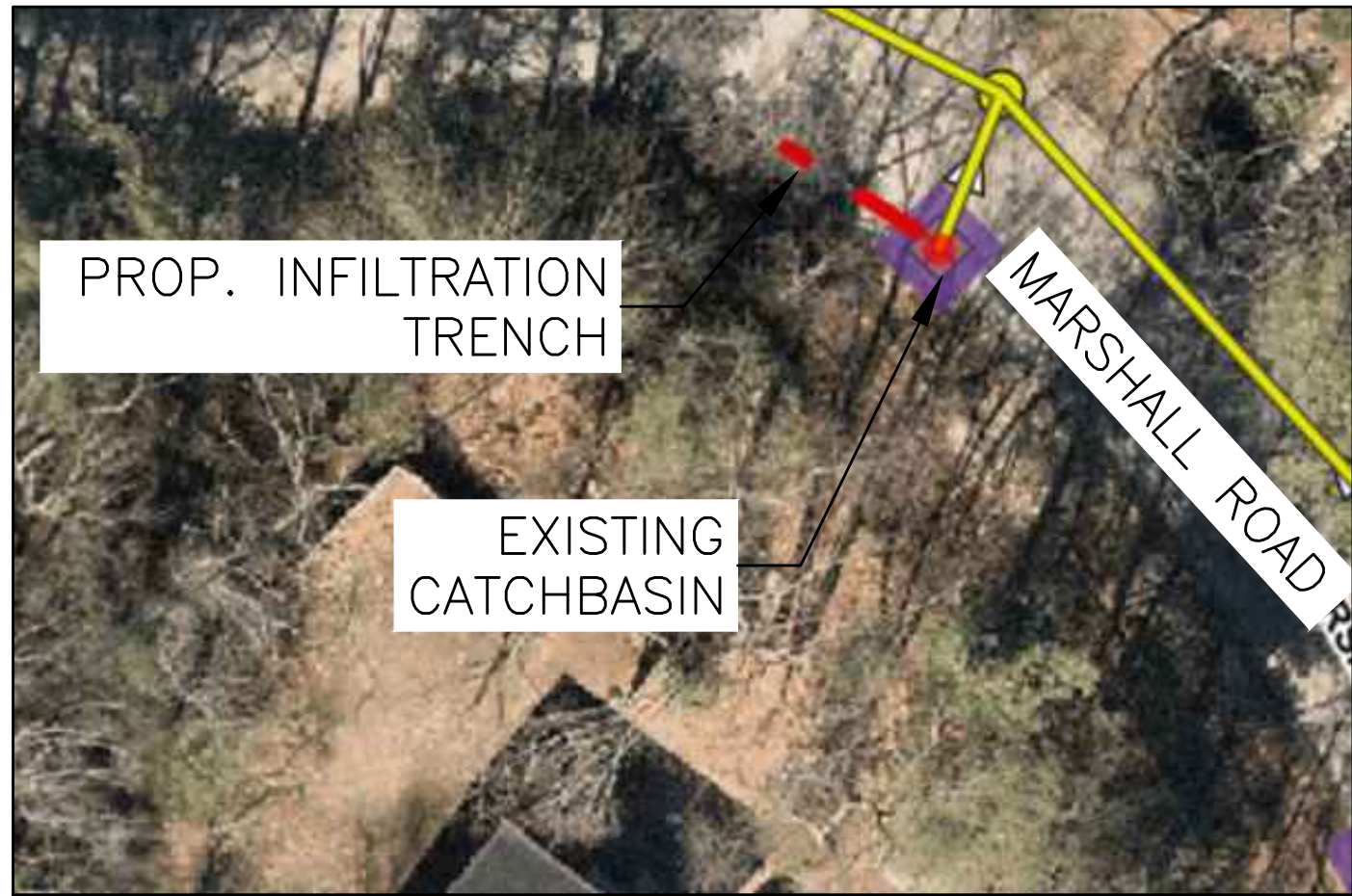
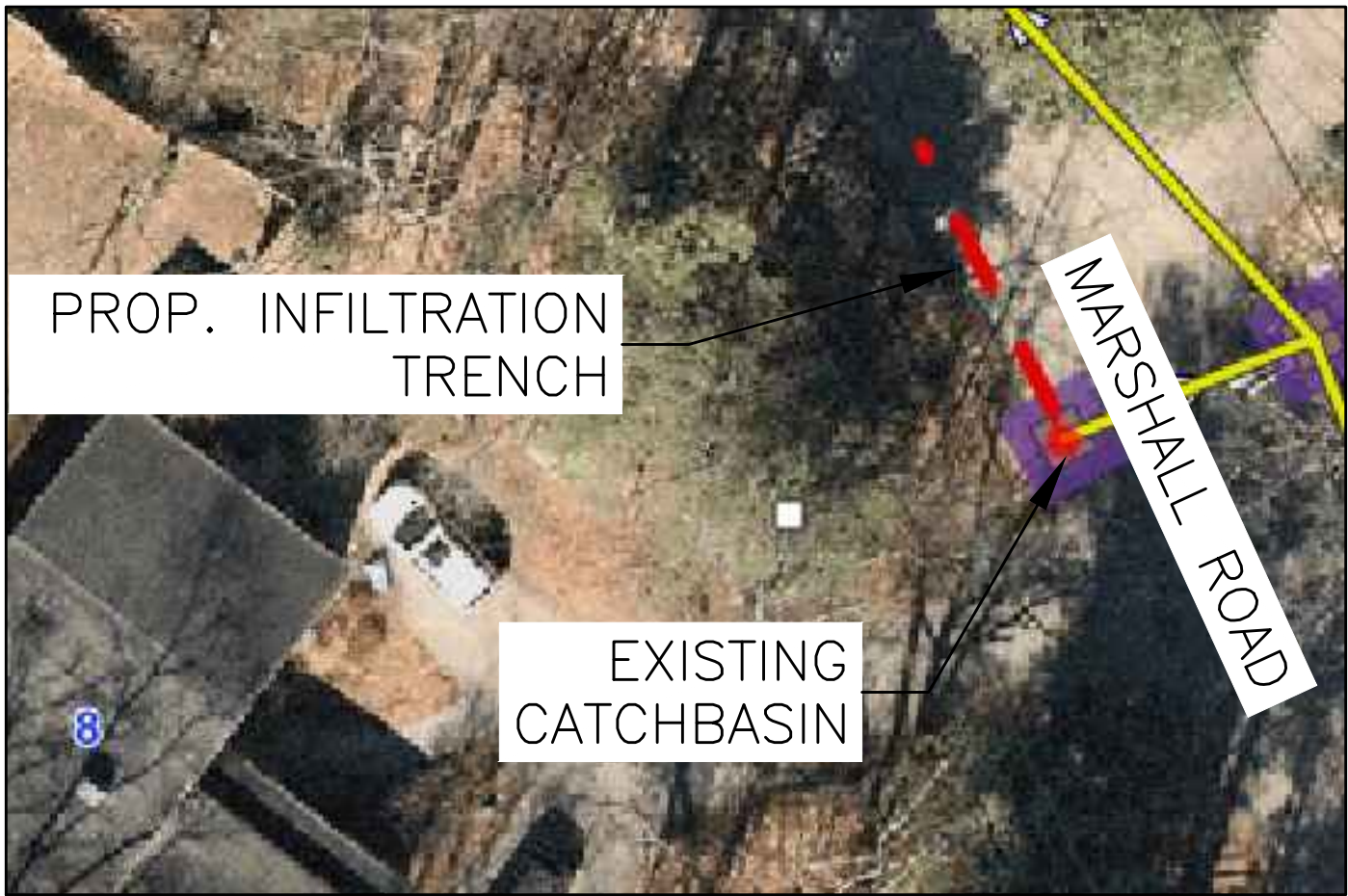
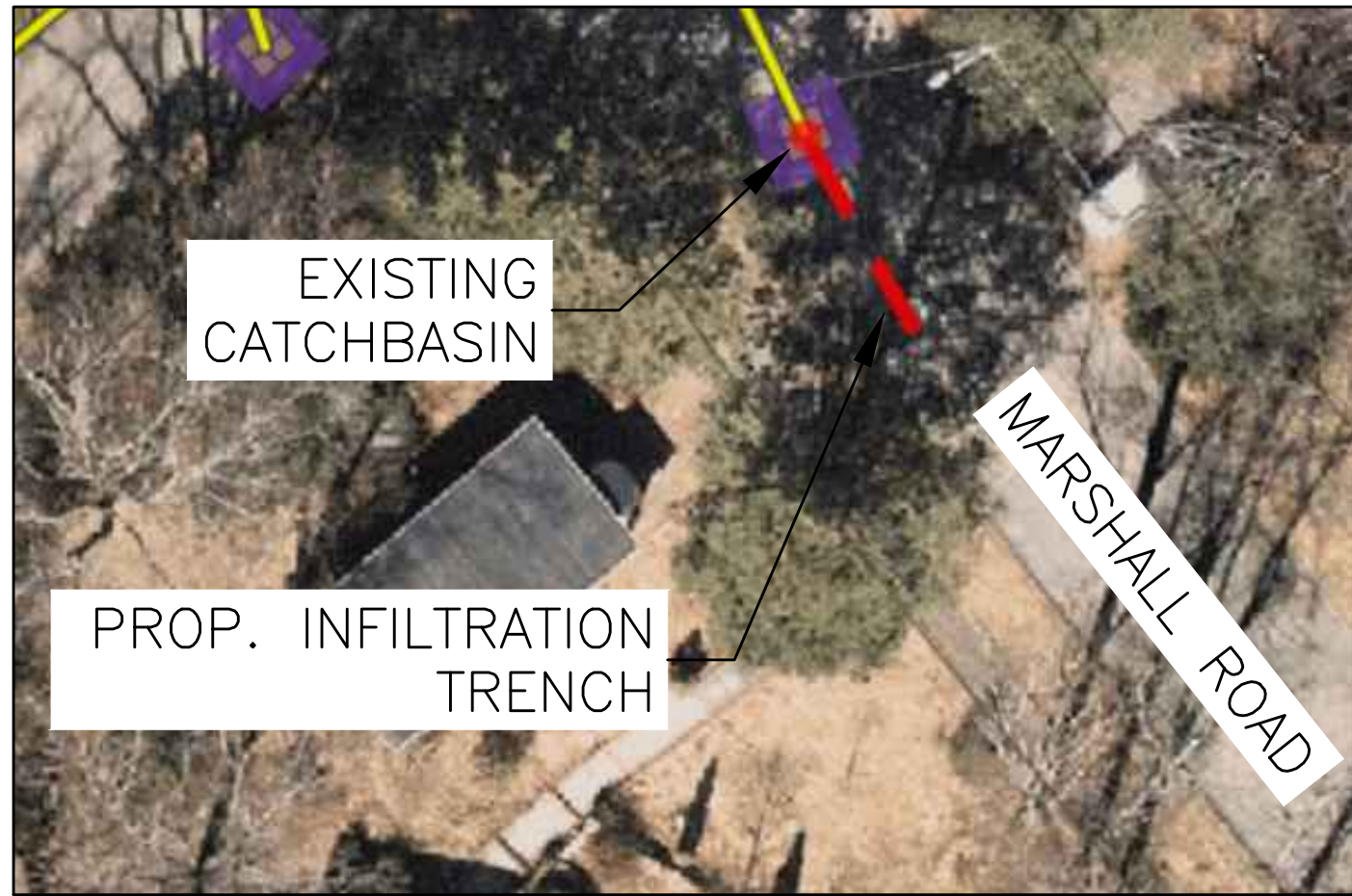
DESIGN & AS-BUILT TABLE			
NEAREST ADDRESS		12 FESSENDEN WAY (IN 7748)	
TRENCH DESIGN		DESIGN	AS-BUILT
LENGTH (FT)		17.00	
WIDTH (FT)		4.00	
DEPTH (FT)		5.00	
HOOD TYPE		NA	
DEPTH EXISTING INV. OUT (FT)		3.00	
DEPTH TRENCH PIPE INV. (FT)		3.25	
DEPTH TRENCH BOTTOM (FT)		5.00	
POLLUTANT REMOVAL		DESIGN	AS-BUILT
P REDUCTION (LB/YR)		0.62	
N REDUCTION (LB/YR)		4.32	
TSS REDUCTION (LB/YR)		148.87	
SW VOLUME REDUCTION (CF)		109.00	



DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	7 ROLFE RD (IN 3721)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	14.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.50	
DEPTH TRENCH PIPE INV. (FT)	3.75	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.50	
N REDUCTION (LB/YR)	3.48	
TSS REDUCTION (LB/YR)	119.24	
SW VOLUME REDUCTION (CF)	88.00	



DATE	REVISION	BY	STREET TRENCH DESIGNS AND LOCATIONS			
1/22/21	VIEWPORTS	ML				
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1/26/21	TRENCH LENGTHS	ML				
Town of Lexington ENGINEERING DIVISION			DRAWN BY: ML	DATE: 1/20/21	SCALE: N.T.S	
			DESIGNED BY: ML		CHECKED BY: MS	
			APPROVED BY: _____			
			SHEET 11			



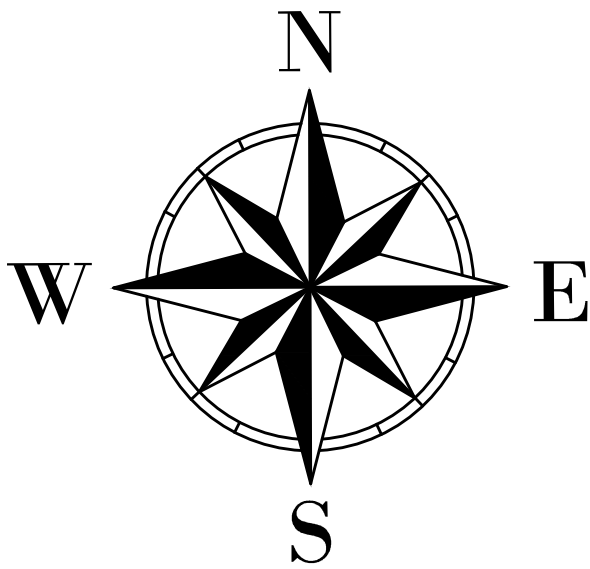
LOCATION #22: 4 MARSHALL RD (3280) LOCATION #23: 8 MARSHALL RD (3275) LOCATION #24: 8 MARSHALL RD (3277) LOCATION #25: 9 MARSHALL RD (7747)

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	4 MARSHALL RD (IN 3280)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	25.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.00	
DEPTH TRENCH PIPE INV. (FT)	3.25	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	1.01	
N REDUCTION (LB/YR)	7.03	
TSS REDUCTION (LB/YR)	247.76	
SW VOLUME REDUCTION (CF)	177.00	

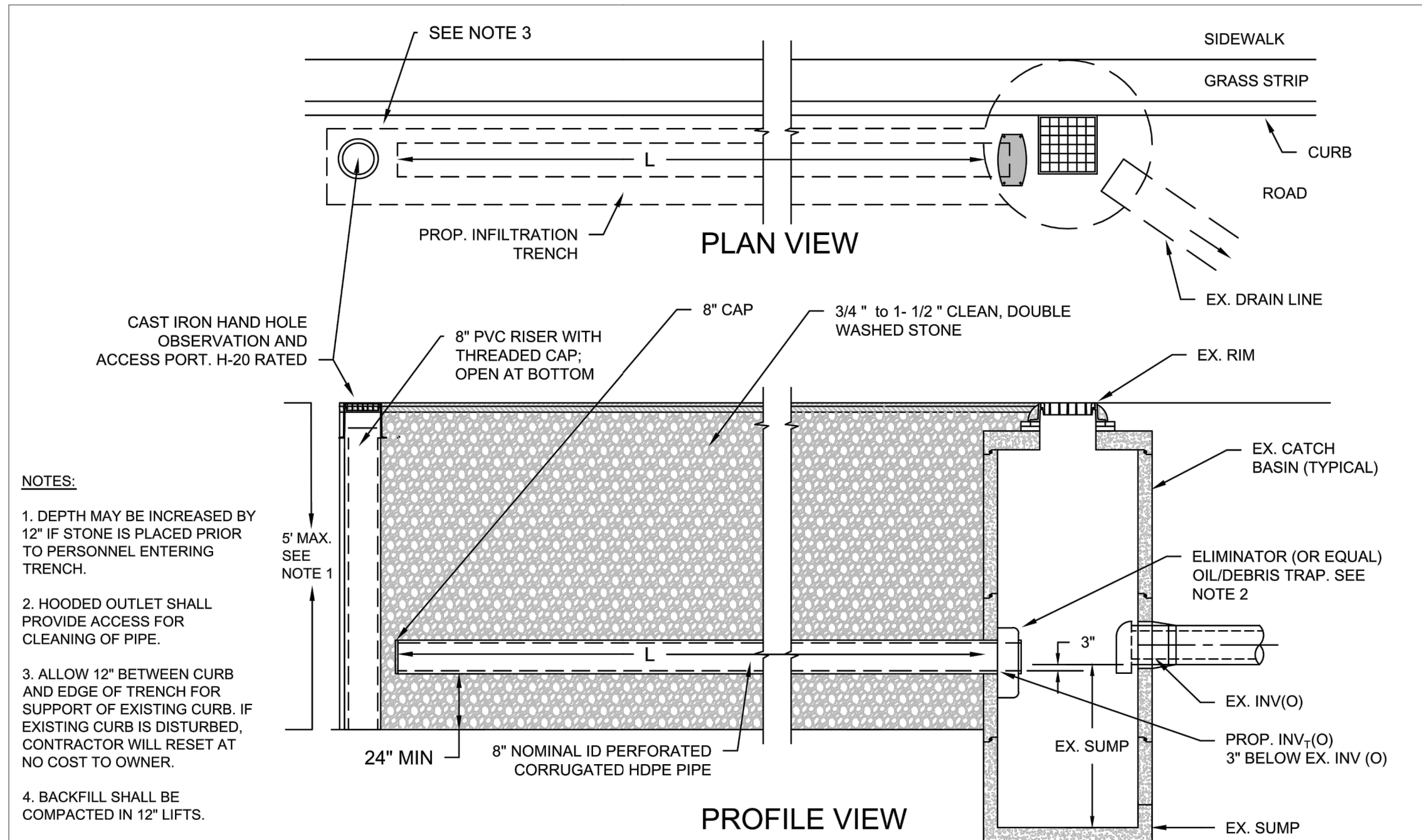
DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	8 MARSHALL RD (IN 3275)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	30.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.40	
DEPTH TRENCH PIPE INV. (FT)	3.65	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	1.39	
N REDUCTION (LB/YR)	9.70	
TSS REDUCTION (LB/YR)	358.81	
SW VOLUME REDUCTION (CF)	244.00	

DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	8 MARSHALL RD (IN 3277)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	15.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.40	
DEPTH TRENCH PIPE INV. (FT)	3.65	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.53	
N REDUCTION (LB/YR)	3.70	
TSS REDUCTION (LB/YR)	126.73	
SW VOLUME REDUCTION (CF)	93.00	

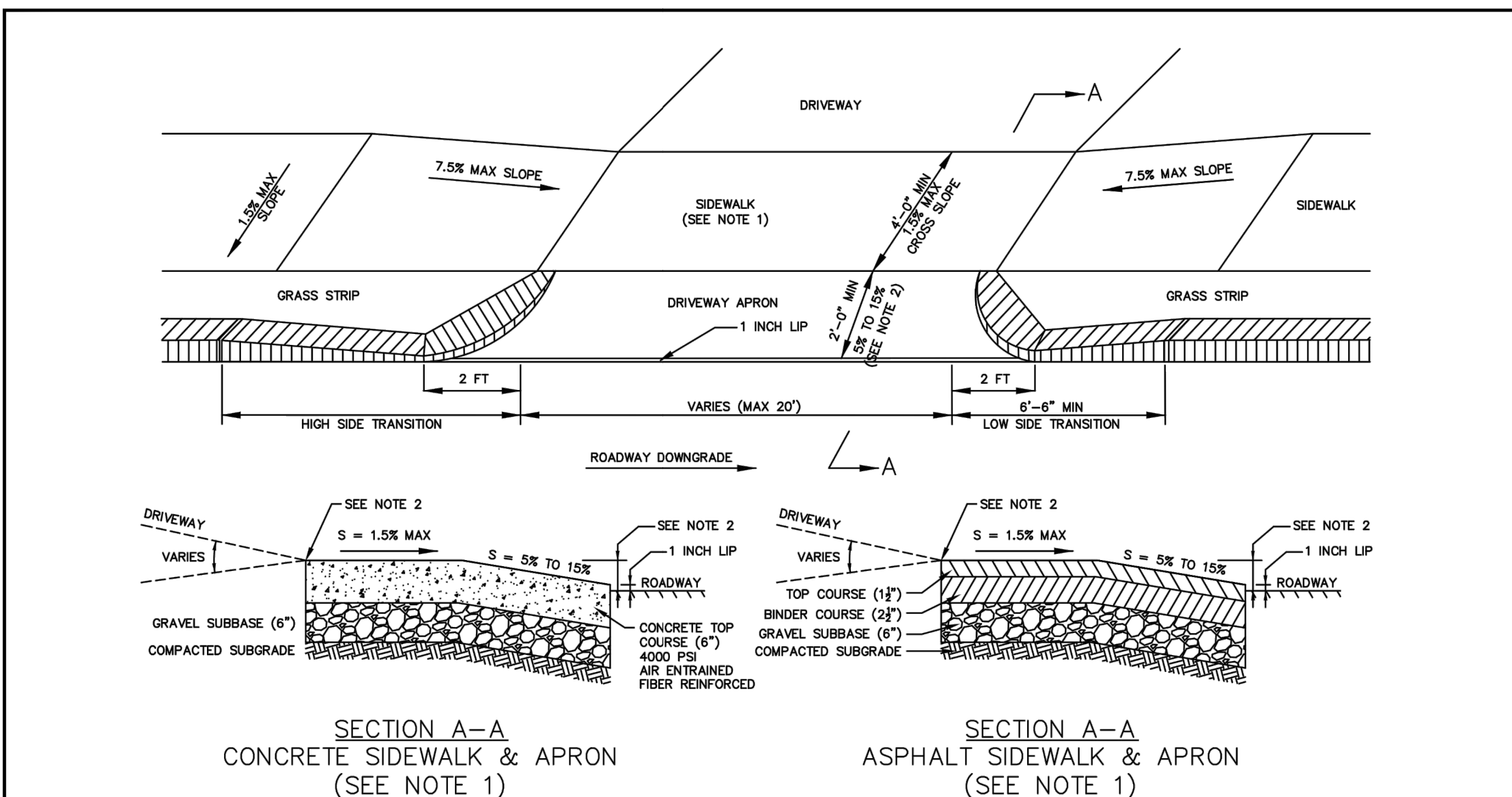
DESIGN & AS-BUILT TABLE		
NEAREST ADDRESS	9 MARSHALL RD (IN 7747)	
TRENCH DESIGN	DESIGN	AS-BUILT
LENGTH (FT)	16.00	
WIDTH (FT)	4.00	
DEPTH (FT)	5.00	
HOOD TYPE	NA	
DEPTH EXISTING INV. OUT (FT)	3.50	
DEPTH TRENCH PIPE INV. (FT)	3.75	
DEPTH TRENCH BOTTOM (FT)	5.00	
POLLUTANT REMOVAL	DESIGN	AS-BUILT
P REDUCTION (LB/YR)	0.29	
N REDUCTION (LB/YR)	2.03	
TSS REDUCTION (LB/YR)	64.00	
SW VOLUME REDUCTION (CF)	51.00	



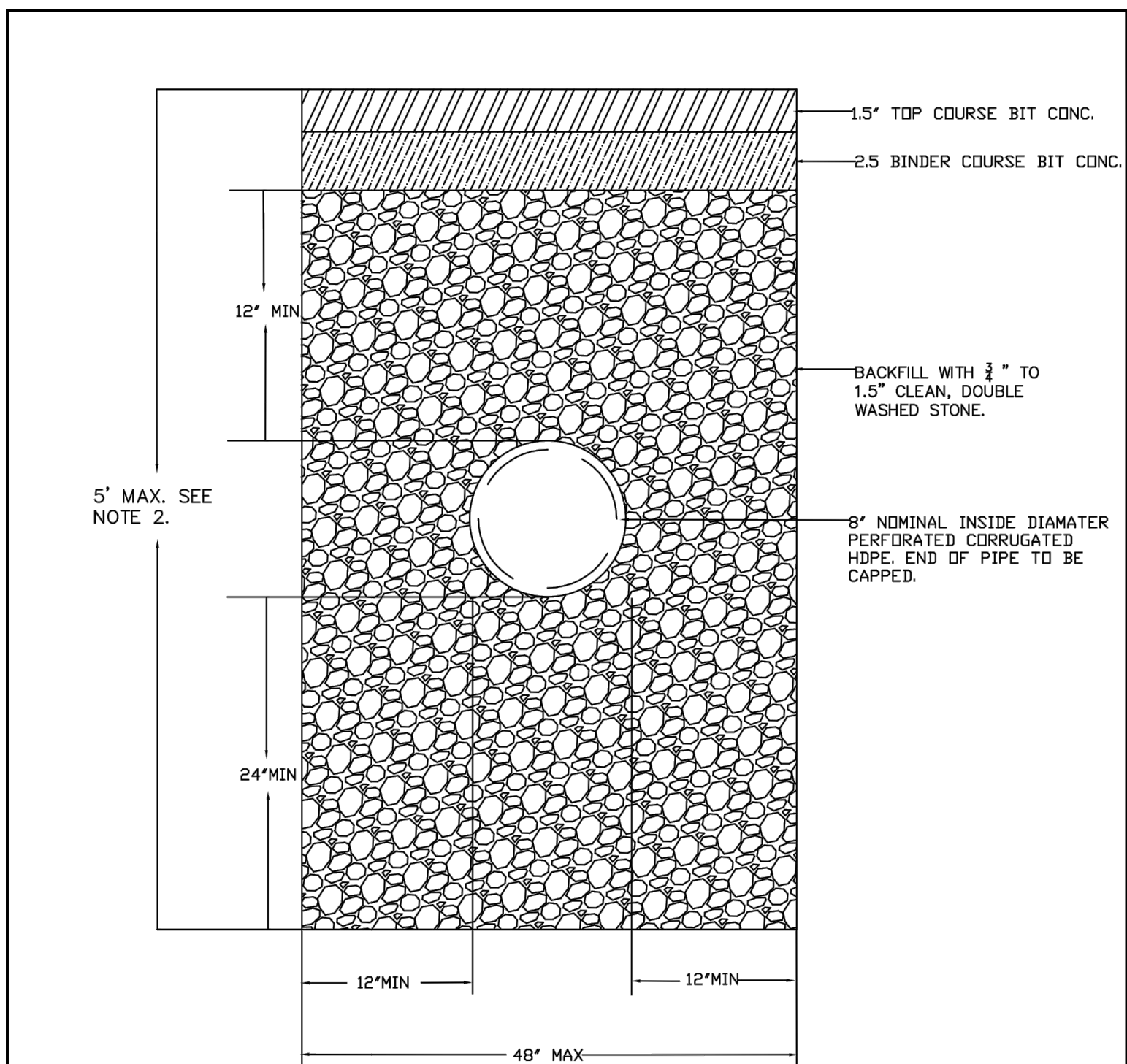
DATE	REVISION	BY	STREET TRENCH DESIGNS AND LOCATIONS			
1/22/21	VIEWPORTS	ML				
1/25/21	DESIGN TABLES	ML				
1/26/21	TRENCH LENGTHS	ML				
Town of Lexington ENGINEERING DIVISION			DRAWN BY: ML	DATE: 1/20/21	SCALE: N.T.S	
			DESIGNED BY: ML		CHECKED BY: MS	
			APPROVED BY: _____			
					SHEET 12	



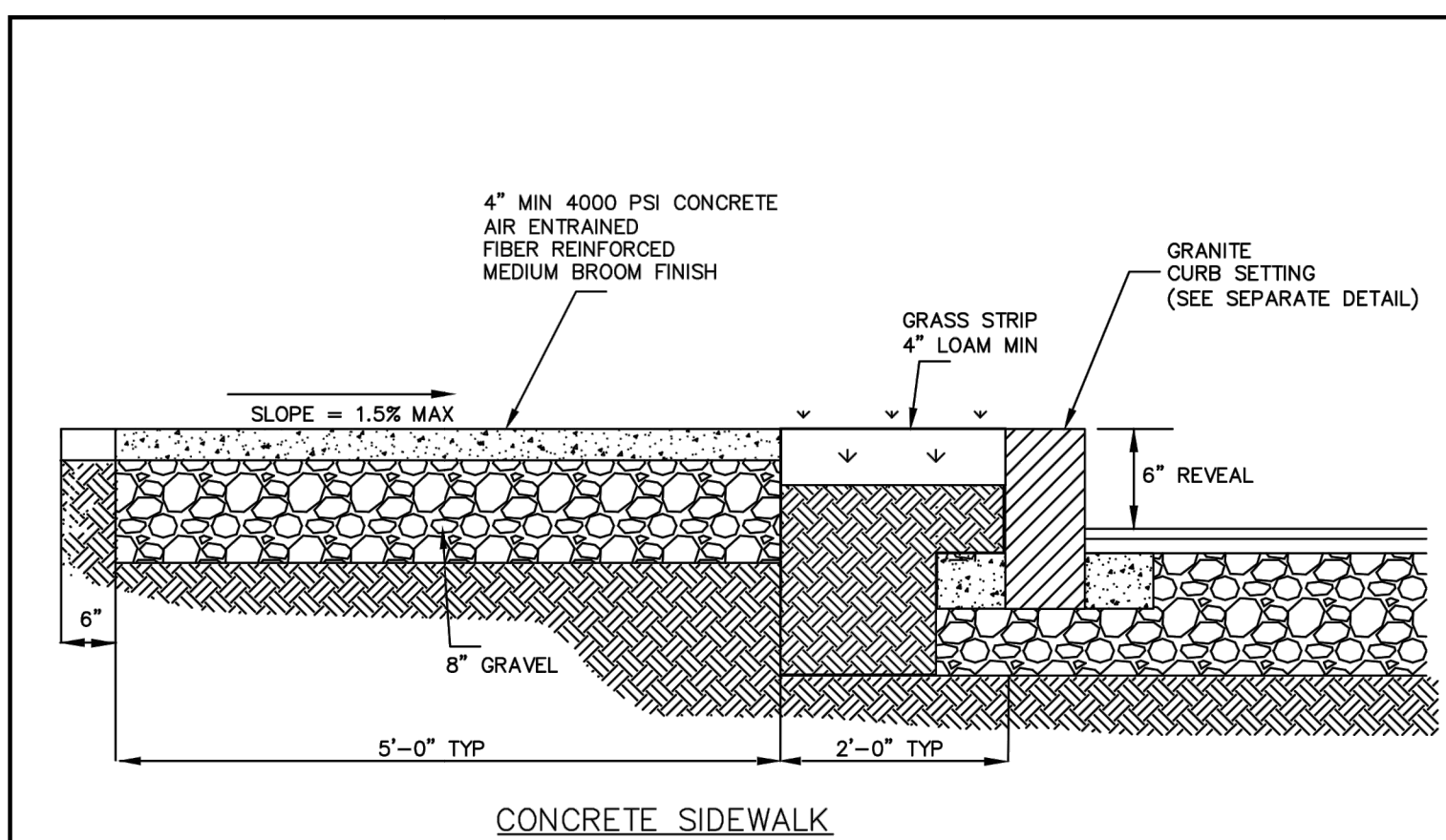
	STANDARD PIPE TRENCH INFILTRATION SYSTEM		DEC. 2020	D-1
			NOT TO SCALE	
			REVISION ②	



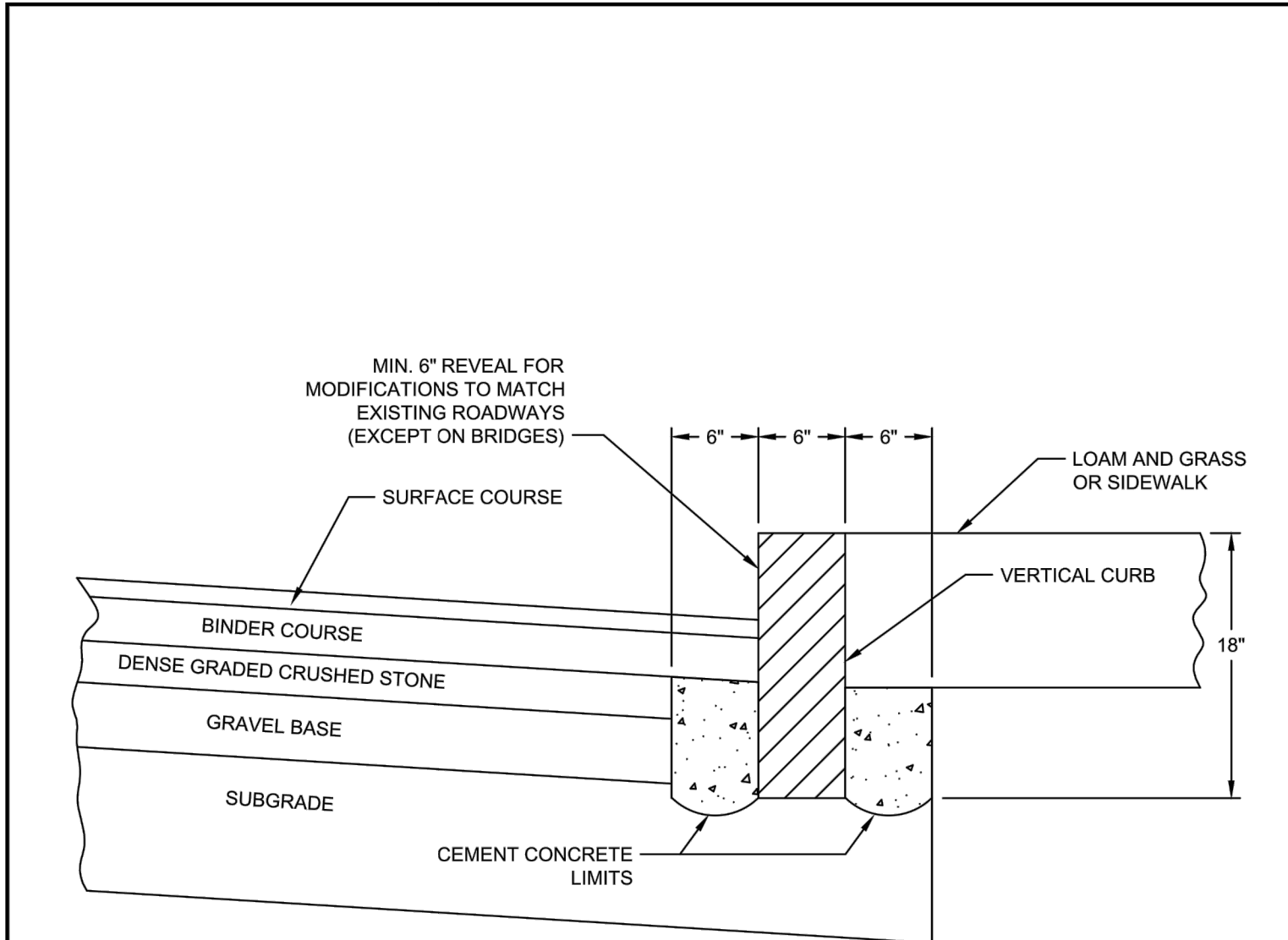
	TYPICAL DRIVEWAY APRON WITH GRASS STRIP		SEPT. 2016	D-3
			NOT TO SCALE	
			REVISION ②	



	STREET INFILTRATION TRENCH CROSS SECTION VIEW		DEC. 2020	D-2
			NOT TO SCALE	
			REVISION ①	



	TYPICAL SIDEWALK SECTIONS WITH GRASS STRIP		OCT. 2020	D-4
			NOT TO SCALE	
			REVISION ②	



	VERTICAL GRANITE CURB INSTALLATION		JAN. 2015	D-5
			NOT TO SCALE	
			REVISION ①	

NOTES

1. PLANS WERE DEVELOPED USING AVAILABLE AERIAL IMAGERY, EXISTING PLANS, AND ON-SITE OBSERVATIONS. A FORMAL SURVEY OF THE PROJECT AREAS WAS NOT CONDUCTED. UTILITY LOCATIONS AND INVERT MEASUREMENTS ARE APPROXIMATE.
2. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING DIG-SAFE AND ALL APPLICABLE UTILITIES OF THE PROPOSED WORK PRIOR TO ANY EXCAVATION. THE TOWN OF ARLINGTON IS NOT A MEMBER OF DIG-SAFE AND MUST BE NOTIFIED DIRECTLY AT LEAST 72 HOURS PRIOR TO EXCAVATION BY CALLING 781-316-3310.
3. TRENCHES HAVE BEEN PROPOSED IN LOCATIONS WHERE NO UTILITY CONFLICTS WERE APPARENT. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL APPLICABLE UTILITIES FOR APPROPRIATE MARK-OUTS AND CONFIRMING NO CONFLICTS ARE PRESENT. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ENGINEER SHOULD ANY EXISTING UTILITY CONFLICTS BE IDENTIFIED WITHIN PROPOSED TRENCH LIMITS.
4. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING RESIDENTS AND ABUTTERS OF ANY WORK THAT MAY INTERFERE WITH DRIVEWAY AND WALKWAY ACCESS.
5. A RELATIVE LOCAL DATUM HAS BEEN SET FOR EACH TRENCH LOCATION. THE CATCHBASIN RIM ELEVATION HAS BEEN SET TO ZERO FEET (0.0') AT EACH LOCATION.
6. EXISTING ASPHALT SHOULD BE SAWCUT PRIOR TO EXCAVATION.
7. TRENCHES SHOULD BE BACKFILLED AND COMPACTED IN 12 INCH LIFTS.
8. CONTRACTOR IS RESPONSIBLE FOR APPROPRIATE CONSTRUCTION SIGNAGE AND BARRIERS AS NEEDED AND SHALL BE INCIDENTAL TO THE CONTRACT.
9. CONTRACTOR TO MAINTAIN CLEAN WORK ZONE AND SWEEP WORK SITE DAILY.
10. PAVING TO BE COMPLETED WEEKLY.
11. EROSION CONTROL SHALL BE USED WHEN NECESSARY AND CONSIDERED INCIDENTAL TO THE CONTRACT. ANY SEDIMENT THAT ENTERS THE TOWN'S STORMWATER SYSTEM AS A RESULT OF CONSTRUCTION SHALL BE REMOVED AT THE EXPENSE OF THE CONTRACTOR.
12. CONTRACTOR SHOULD TAKE CARE TO NOT IMPACT NEARBY TREES DURING CONSTRUCTION.
13. ANY AREA DISTURBED BY THE CONTRACTOR OUTSIDE OF THE LIMITS OF WORK SHALL BE RESTORED TO ORIGINAL CONDITION AT NO COST TO THE OWNER.

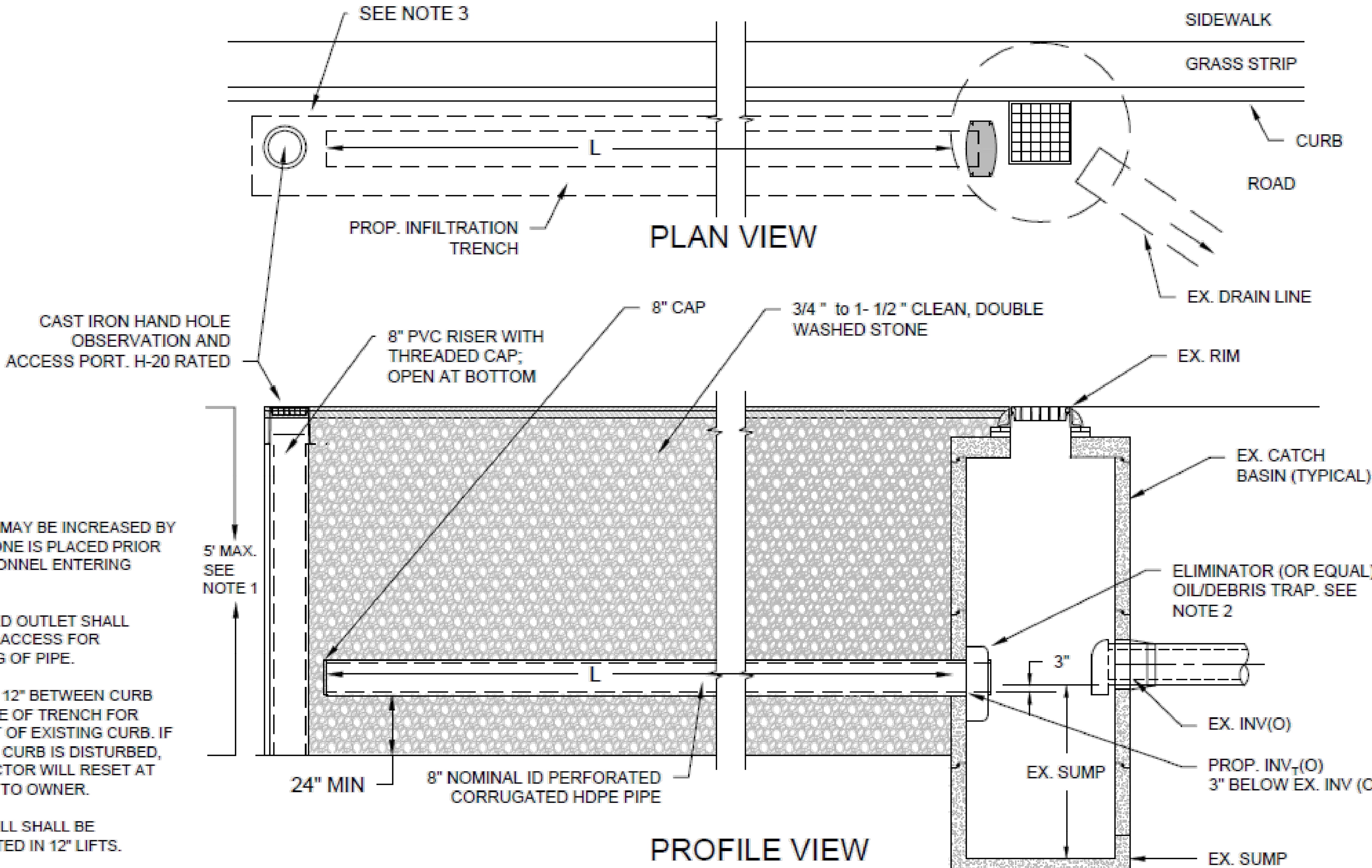
No.	Revision/Issue	Date

Town of
ARLINGTON
Engineering Division
51 Grove Street
Arlington, MA 02476

**2021 GREEN
INFRASTRUCTURE
IMPROVEMENTS PROJECT**

**ARLINGTON
CONSTRUCTION DETAILS**

Drawn By: AC	Sheet:
Verified By: WCC	13
Scale: NTS	
Date: FEBRUARY 2021	

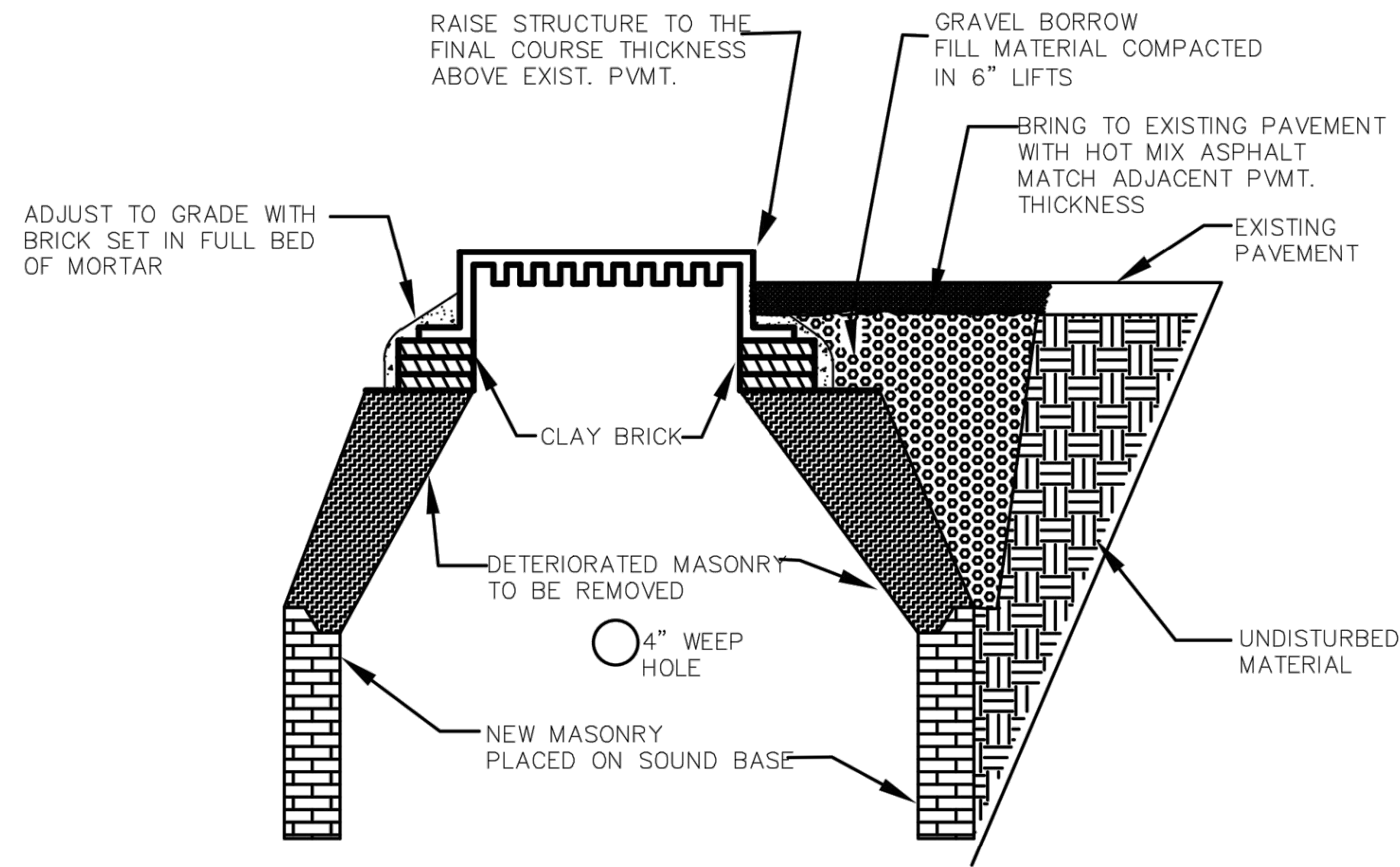


NOTES:

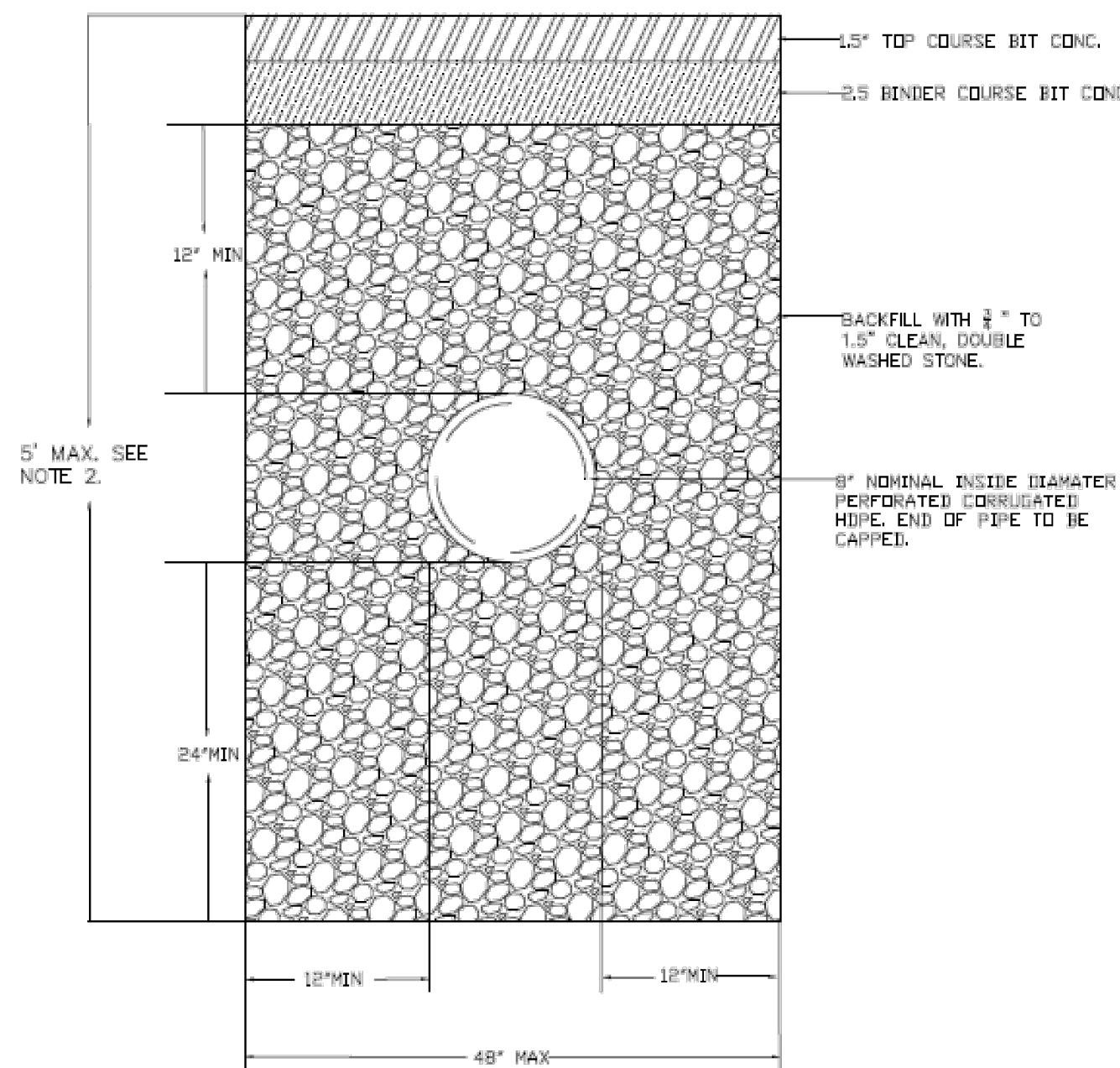
1. DEPTH MAY BE INCREASED BY 12" IF STONE IS PLACED PRIOR TO PERSONNEL ENTERING TRENCH.
2. HOODED OUTLET SHALL PROVIDE ACCESS FOR CLEANING OF PIPE.
3. ALLOW 12" BETWEEN CURB AND EDGE OF TRENCH FOR SUPPORT OF EXISTING CURB. IF EXISTING CURB IS DISTURBED, CONTRACTOR WILL RESET AT NO COST TO OWNER.
4. BACKFILL SHALL BE COMPACTED IN 12" LIFTS.

NOTES:

1. PLANS WERE DEVELOPED USING AVAILABLE AERIAL IMAGERY, EXISTING PLANS, AND ON-SITE OBSERVATIONS. A FORMAL SURVEY OF THE PROJECT AREAS WAS NOT CONDUCTED. UTILITY LOCATIONS AND INVERT MEASUREMENTS ARE APPROXIMATE.
2. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING DIG-SAFE AND ALL APPLICABLE UTILITIES OF THE PROPOSED WORK PRIOR TO ANY EXCAVATION. THE TOWN OF LEXINGTON IS NOT A MEMBER OF DIG-SAFE AND MUST BE NOTIFIED DIRECTLY AT LEAST 72 HOURS PRIOR TO EXCAVATION BY CALLING THE TOWN OF LEXINGTON OPERATIONS AT 781-274-8300.
3. TRENCHES HAVE BEEN PROPOSED IN LOCATIONS WHERE NO UTILITY CONFLICTS WERE APPARENT. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL APPLICABLE UTILITIES FOR APPROPRIATE MARK-OUTS AND CONFIRMING NO CONFLICTS ARE PRESENT. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE ENGINEER SHOULD ANY EXISTING UTILITY CONFLICTS BE IDENTIFIED WITHIN PROPOSED TRENCH LIMITS.
4. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING RESIDENTS AND ABUTTERS OF ANY WORK THAT MAY INTERFERE WITH DRIVEWAY AND WALKWAY ACCESS.
5. A RELATIVE LOCAL DATUM HAS BEEN SET FOR EACH TRENCH LOCATION. THE CATCHBASIN RIM ELEVATION HAS BEEN SET TO ZERO FEET (0.0') AT EACH LOCATION.
6. EXISTING ASPHALT SHOULD BE SAWCUT PRIOR TO EXCAVATION.
7. TRENCHES SHOULD BE BACKFILLED AND COMPACTED IN 12 INCH LIFTS.
8. CONTRACTOR IS RESPONSIBLE FOR APPROPRIATE CONSTRUCTION SIGNAGE AND BARRIERS AS NEEDED AND SHALL BE INCIDENTAL TO THE CONTRACT.
9. CONTRACTOR TO MAINTAIN CLEAN WORK ZONE AND SWEEP WORK SITE DAILY.
10. PAVING TO BE COMPLETED WEEKLY.
11. EROSION CONTROL SHALL BE USED WHEN NECESSARY AND CONSIDERED INCIDENTAL TO THE CONTRACT. ANY SEDIMENT THAT ENTERS THE TOWN'S STORMWATER SYSTEM AS A RESULT OF CONSTRUCTION SHALL BE REMOVED AT THE EXPENSE OF THE CONTRACTOR.
12. CONTRACTOR SHOULD TAKE CARE TO NOT IMPACT NEARBY TREES DURING CONSTRUCTION.
13. ANY AREA DISTURBED BY THE CONTRACTOR OUTSIDE OF THE LIMITS OF WORK SHALL BE RESTORED TO ORIGINAL CONDITION AT NO COST TO THE OWNER.
14. DO NOT PARK, IMPEDE ACCESS TO, OR STORE EQUIPMENT BEYOND RIGHT OF WAY, UNLESS PERMISSION HAS BEEN GRANTED IN WRITING BY THE TOWN AND/OR LAND OWNER.



TYPICAL REBUILD OF DRAINAGE/SEWER STRUCTURE



NOTES:

1. ALL BACKFILL SHALL BE COMPACTED IN 12 INCH LIFTS.
2. DEPTH MAY BE INCREASED BY 1 FOOT IF STONE IS PLACED PRIOR TO PERSONNEL ENTERING THE TRENCH.
3. MEASURES SHALL BE TAKEN TO PREVENT MIGRATION OF FINES INTO BACKFILL.
4. PIPE SPECS BASED OFF HD100EC PIPE MANUFACTURED BY LANE ENTERPRISES.

DATE	REVISION	BY	STREET TRENCH DESIGNS AND LOCATIONS		
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Town of Lexington ENGINEERING DIVISION			DRAWN BY: ML	DATE: 1/20/21	SCALE: N.T.S
			DESIGNED BY: ML	CHECKED BY: MS	
			APPROVED BY:		
					SHEET 14